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www.EnzySource.com

Chiral Compound Catalog (July 2008)

EnzySource's customers include over a dozen of global leading pharmaceutical, agricultural and fine chemical companies. We offer a wide range of chiral molecules with 95%->99% ee, prepared by using our unique collection of proprietary enzymes such as ketoreductases, oxynitrilases, transaminases, ene reductases, nitrilases, nitrile hydratases, nitro reductases, epoxide hydrolases, P450s, amino acid dehydrogenases, amidases, alcohol oxidases, etc. This catalog offers the following chiral compounds:

- | | |
|--|-------------------|
| ▪ (R)- and (S)- alcohols | page 2-4 |
| ▪ (R)- and (S)- cyanohydrins | page 5-8 |
| ▪ (R)- and (S)- amines | page 8-10 |
| ▪ (R)- and (S)- α-amino acids | page 10-12 |
| ▪ (R)- and (S)- β-amino acids | page 12-30 |

We also offer custom services for the synthesis of following chiral molecules:

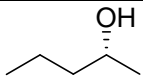
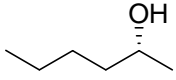
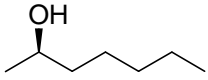
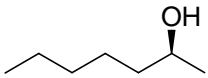
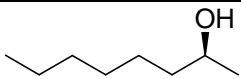
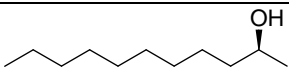
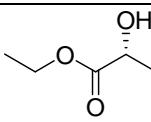
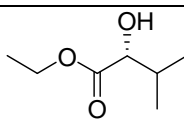
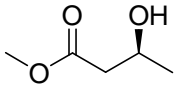
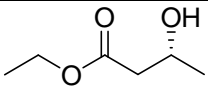
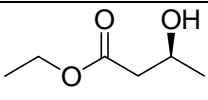
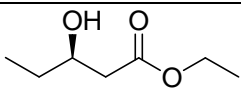
- **(R)- and (S)- nitriles**
- **(R)- and (S)- epoxides**
- **(R)- and (S)- diols**
- **(R)- and (S)- amides**
- **(R)- and (S)- aldehydes**
- **(R)- and (S)- carboxylic acids**

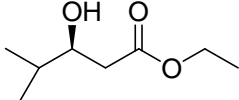
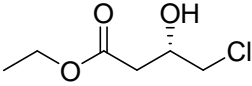
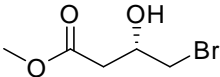
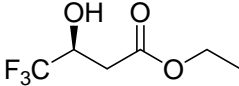
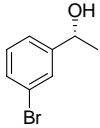
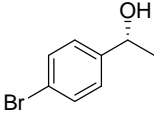
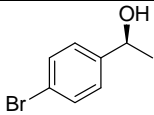
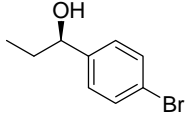
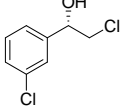
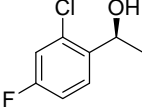
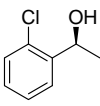
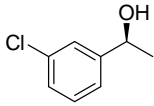
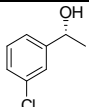
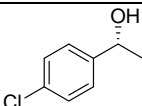
In addition to catalog chemicals and enzymes, we also provide broad and integrated quality services from chemical synthesis to enzyme discovery, including:

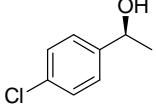
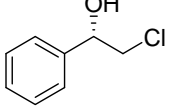
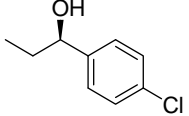
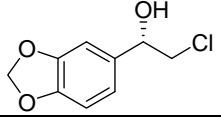
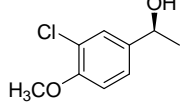
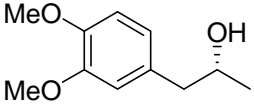
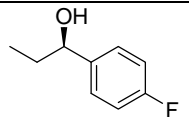
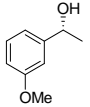
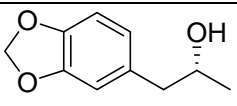
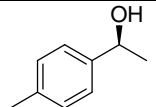
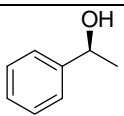
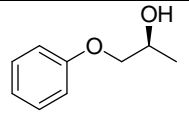
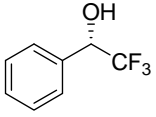
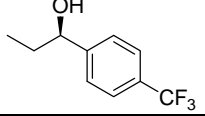
- **Biotransformation screening**
- **Synthesis of chiral building blocks and intermediates**
- **Synthesis of drug metabolites**
- **Enzyme discovery and development**
- **Enzyme production from g to >kg scale**
- **Enzyme immobilization**

By applying our high throughput enzyme assay technology, screening a library of enzymes can be finished within about 2-3 weeks; biotransformation optimization and initial scale-up are usually accomplished within 3-4 weeks. Our business model is fee-for-service and we aspire to be your reliable partner in shortening the cycle and lowering the cost of enzyme development and their applications. **For contract R&D services, FTE rate and delivery timeline**, please contact enzymes@enzysource.com or visit our website at www.EnzySource.com.

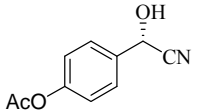
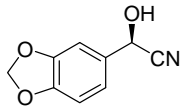
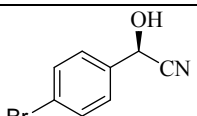
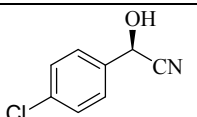
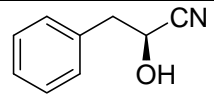
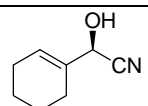
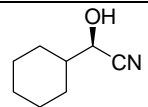
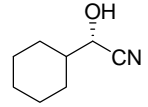
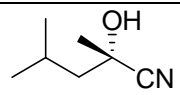
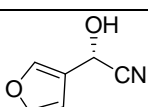
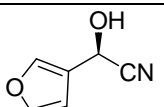
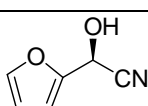
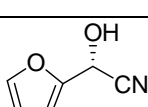
Chiral Secondary Alcohols

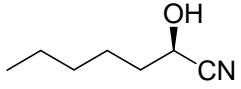
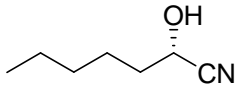
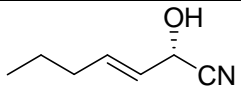

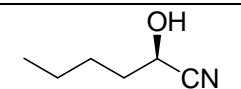
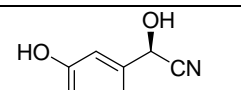
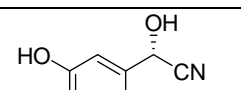
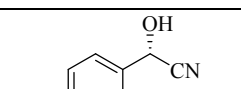
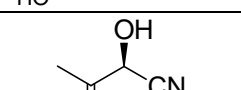
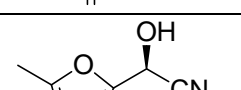
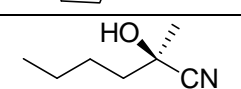
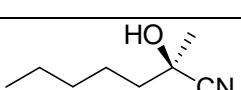
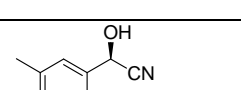
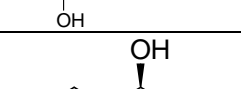
Catalog No.	Structure	Name	CAS	e.e.(%)
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ES-CA 002		(<i>R</i>)-(-)-2-Hexanol	26549-24-6	>99
ES-CA 003		(<i>R</i>)-(-)-2-Heptanol	6033-24-5	>99
ES-CA 004		(<i>S</i>)-(+)-2-Heptanol	6033-23-4	>99
ES-CA 005		(<i>S</i>)-(+)-2-Octanol	6169-06-8	>99
ES-CA 006		(<i>S</i>)-2-Undecanol	85617-05-6	>99
ES-CA 007		(<i>R</i>)-Ethyl D-lactate	7699-00-5	>99
ES-CA 008		(<i>R</i>)-Ethyl 3-methyl-2-hydroxybutanoate	129025-85-0	>99
ES-CA 009		Methyl (<i>S</i>)-(+)-3-hydroxybutyrate	53562-86-0	>99
ES-CA 010		Ethyl (<i>R</i>)-(-)-3-hydroxybutyrate	24915-95-5	>99
ES-CA 011		Ethyl (<i>S</i>)-(+)-3-hydroxybutyrate	56816-01-4	>99
ES-CA 012		(<i>R</i>)-Ethyl 3-hydroxypentanoate	73143-60-9	>99

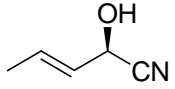
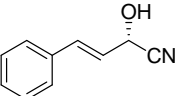
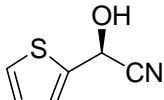
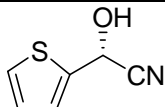
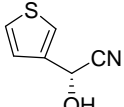
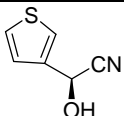
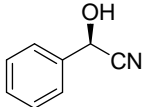
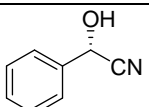
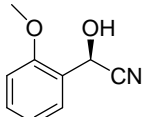
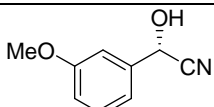
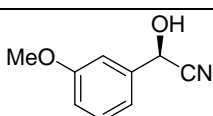
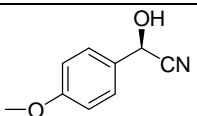
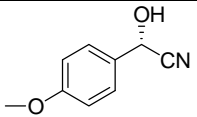
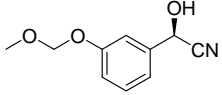
ES-CA 013		(<i>S</i>)-Ethyl 3-hydroxy-4-methylpentanoate	95614-85-0	>99
ES-CA 014		Ethyl (<i>S</i>)-(-)-4-chloro-3-hydroxybutyrate	86728-85-0	>99
ES-CA 015		Methyl (<i>S</i>)-3-hydroxy-4-bromobutyrate	88759-56-2	>99
ES-CA 016		(<i>S</i>)-Ethyl 3-hydroxy-4,4,4-trifluorobutyrate	99437-70-4	>99
ES-CA 017		(<i>R</i>)-1-(3-Bromophenyl)ethanol	134615-24-0	>99
ES-CA 018		(<i>R</i>)-1-(4-Bromophenyl)ethanol	76155-78-7	>99
ES-CA 019		(<i>S</i>)-1-(4-Bromophenyl)ethanol	100760-04-1	>99
ES-CA 020		(<i>R</i>)-1-(4-Bromophenyl)-1-propanol	112777-66-9	>99
ES-CA 021		(<i>S</i>)-2-Chloro-1-(3-chloro-phenyl)-ethanol	174699-78-6	99
ES-CA 022		(<i>S</i>)-1-(2-Chloro-4-fluorophenyl)ethanol	911218-03-6	>99
ES-CA 023		(<i>S</i>)-1-(2-Chlorophenyl)ethanol	131864-71-6	99
ES-CA 024		(<i>S</i>)-1-(3-Chlorophenyl)ethanol	135145-34-5	99
ES-CA 025		(<i>R</i>)-1-(3-Chlorophenyl)ethanol	120121-01-9	>99
ES-CA 026		(<i>R</i>)-1-(4-Chlorophenyl)ethanol	75968-40-0	>99

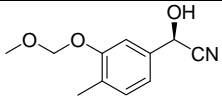
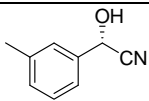
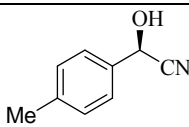
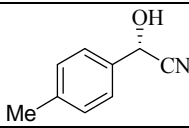
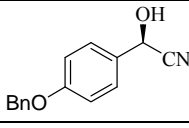
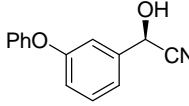
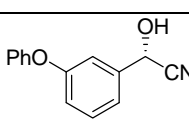
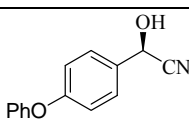
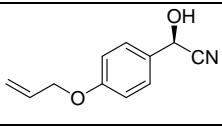
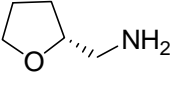
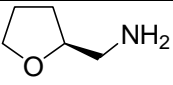
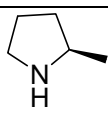
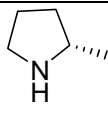
ES-CA 027		(<i>S</i>)-1-(4-Chlorophenyl)ethanol	99528-42-4	>99
ES-CA 028		(<i>S</i>)-2-Chloro-1-phenylethanol	70111-05-6	99
ES-CA 029		(<i>R</i>)-1-(4-Chlorophenyl)-1-propanol	110611-21-7	>99
ES-CA 030		(<i>S</i>)-(+)-2-Chloro-1-(3,4-methylenedioxyphenyl)ethanol	313216-50-1	99
ES-CA 031		(<i>S</i>)- 3-Chloro-4-methoxy- α -methylbenzenemethanol	124829-13-6	>99
ES-CA 032		(<i>R</i>)-1-(3, 4-Dimethoxyphenyl)-2-propanol	161121-03-5	>99
ES-CA 033		(<i>R</i>)-1-(4-Fluorophenyl)- 1-propanol	166371-89-7	>99
ES-CA 034		(<i>R</i>)-1-(3-Methoxyphenyl)ethanol	120523-12-8	>99
ES-CA 035		(<i>R</i>)-1-(3, 4-Methylenedioxyphenyl)-2-propanol	521097-97-2	>99
ES-CA 036		(<i>S</i>)-1-(4-Methylphenyl)ethanol	51154-54-2	>99
ES-CA 037		(<i>S</i>)-(-)-1-Phenylethylalcohol	1445-91-6	>99
ES-CA 038		(<i>S</i>)-1-Phenoxy-2-propanol	130879-97-9	>99
ES-CA 039		(<i>S</i>)-(+)-1-Phenyl-2,2,2-trifluoroethanol	340-06-7	>99
ES-CA 040		(<i>R</i>)-1-(4-Trifluoromethylphenyl)-1-propanol	112777-69-2	>99

Chiral Cyanohydrins

ES-CH 001		(<i>S</i>)- 4-Acetyloxy-mandelonitrile	178201-08-6	99
ES-CH 002		(<i>R</i>)-1,3-Benzodioxole-5-acetonitrile	10017-05-7	98
ES-CH 003		(<i>R</i>)-(+)-4-Bromomandelonitrile	150521-30-5	98
ES-CH 004		(<i>R</i>)-(+)-4-Chloro-mandelonitrile	97070-79-6	97
ES-CH 005		(<i>S</i>)- α -Hydroxybenzenepropanenitrile	106863-50-7	99
ES-CH 006		(<i>R</i>)- α -Hydroxy-1-cyclohexene-1-acetonitrile	148705-96-8	>99
ES-CH 007		(<i>R</i>)-2-Hydroxy-2-cyclohexylacetonitrile	100007-62-3	99
ES-CH 008		(<i>S</i>)-2-Hydroxy-2-cyclohexylacetonitrile	107485-34-7	99
ES-CH 009		(<i>S</i>)-2-Hydroxy-2,4-dimethyl-Pentanenitrile	174849-23-1	99
ES-CH 010		(<i>S</i>)- α -Hydroxy-3-furanacetonitrile	174754-57-5	98
ES-CH 011		(<i>R</i>)- α -Hydroxy-3-furanacetonitrile	188481-45-0	99
ES-CH 012		(<i>S</i>)-2-Hydroxy-2-(2-furyl)acetonitrile	10017-07-9	99
ES-CH 013		(<i>R</i>)-2-Hydroxy-2-(2-furyl)acetonitrile	121986-08-1	98

ES-CH 014		(<i>R</i>)-2-Hydroxyheptanenitrile	116297-10-0	97
ES-CH 015		(<i>S</i>)-2-Hydroxyheptanenitrile	106863-48-3	98
ES-CH 016		[<i>S-(E)</i>]-2-Hydroxy-3-heptenenitrile	160865-92-9	97
ES-CH 017		(<i>S</i>)-2-Hydroxy-3-heptynenitrile	160754-12-1	98
ES-CH 018		(<i>R</i>)-2-Hydroxyhexanenitrile	10021-65-5	97
ES-CH 019		(<i>R</i>)-(+)-3-Hydroxymandelonitrile	10049-64-6	97
ES-CH 020		(<i>S</i>)-3-Hydroxymandelonitrile	125781-60-4	98
ES-CH 021		(<i>S</i>)-4-Hydroxymandelonitrile	71807-09-5	99
ES-CH 022		(<i>R</i>)-2-Hydroxy-3-methyl-3-butenenitrile	147600-17-7	98
ES-CH 023		(<i>S</i>)-2-Hydroxy-2-(5-methylfuryl)acetonitrile	136521-57-8	99
ES-CH 024		(<i>R</i>)-2-Hydroxy-2-methyl-hexanenitrile	135415-89-3	99
ES-CH 025		(<i>R</i>)-2-Hydroxy-2-methyl-heptanenitrile	135362-75-3	98
ES-CH 026		(<i>R</i>)-3-Hydroxy-4-methylmandelonitrile		98
ES-CH 027		(<i>R</i>)-2-Hydroxypentanenitrile	10021-63-3	99

ES-CH 028		(<i>R</i>)-2-Hydroxy-3-pentenenitrile	10017-08-0	99
ES-CH 029		(<i>S</i>)-2-Hydroxy-4-phenyl-3-butenitrile	132617-10-8	98
ES-CH 030		(<i>S</i>)- α -Hydroxy-2-thiopheneacetonitrile	134562-59-7	99
ES-CH 031		(<i>R</i>)- α -Hydroxy-2-thiopheneacetonitrile	10017-06-8	99
ES-CH 032		(<i>R</i>)- α -Hydroxy-3-thiopheneacetonitrile	188481-44-9	99
ES-CH 033		(<i>S</i>)- α -Hydroxy-3-thiopheneacetonitrile	174754-56-4	99
ES-CH 034		(<i>R</i>)-(+)-Mandelonitrile	10020-96-9	99
ES-CH 035		(<i>S</i>)-(+)-Mandelonitrile	28549-12-4	99
ES-CH 036		(<i>R</i>)-2-Methoxymandelonitrile	121985-99-7	96
ES-CH 037		(<i>S</i>)-3-Methoxymandelonitrile	105307-09-3	99
ES-CH 038		(<i>R</i>)-(+)-3-Methoxymandelonitrile	10049-65-7	98
ES-CH 039		(<i>R</i>)-(+)-4-Methoxymandelonitrile	97070-73-0	99
ES-CH 040		(<i>S</i>)-(+)-4-Methoxy-mandelonitrile	139406-83-0	98
ES-CH 041		(<i>R</i>)-3-Methoxymethoxy-mandelonitrile	189683-85-0	97

ES-CH 042		(<i>R</i>)-3-Methoxymethoxy-4-methylmandelonitrile	189683-86-1	98
ES-CH 043		(<i>S</i>)-3-Methylmandelonitrile	105367-21-3	96
ES-CH 044		(<i>R</i>)-(+)-4-Methylmandelonitrile	10017-04-6	99
ES-CH 045		(<i>S</i>)-(-)-4-Methylmandelonitrile	105452-15-1	98
ES-CH 046		(<i>R</i>)-4-Phenylmethoxy-mandelonitrile	189683-89-4	>99
ES-CH 047		(<i>R</i>)-3-Phenoxy-mandelonitrile	71962-66-8	98
ES-CH 048		(<i>S</i>)-3-Phenoxy-mandelonitrile	61826-76-4	96
ES-CH 049		(<i>R</i>)-4-Phenoxy-mandelonitrile	121986-00-3	99
ES-CH 050		(<i>R</i>)-4-(2-Propenyloxy)-mandelonitrile	153225-88-8	99
Chiral Amines				
ES-AM-001		(<i>R</i>)-Tetrahydrofurfurylamine [(<i>R</i>)-2-(Aminomethyl)tetrahydrofuran]		99
ES-AM-002		(<i>S</i>)-Tetrahydrofurfurylamine [(<i>S</i>)-2-(Aminomethyl)tetrahydrofuran]		99
ES-AM-003		(<i>R</i>)-2-Methylpyrrolidine	41720-98-3	99
ES-AM-004		(<i>S</i>)-2-Methylpyrrolidine	59335-84-1	99

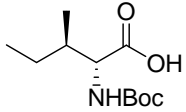

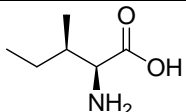
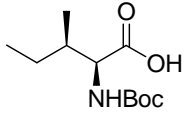
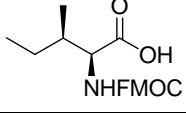
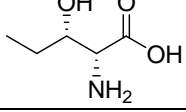
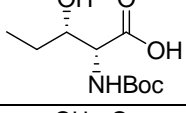
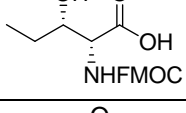
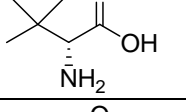
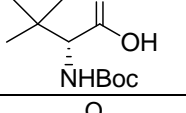
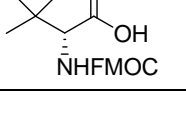
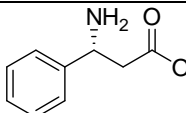
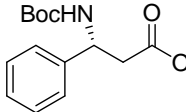
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ES-AM-006		(<i>S</i>)-2-Phenylpyrrolidine	59347-91-0	99
ES-AM-007		(<i>R</i>)-2-Methylpiperidine	1722-95-8	99
ES-AM-008		(<i>S</i>)-2-Methylpiperidine	3197-42-0	99
ES-AM-009		(<i>S</i>)-2-Ethylpiperidine	34272-40-7	99
ES-AM-010		(<i>R</i>)-2-Ethylpiperidine	22160-08-3	99
ES-AM-011		(<i>R</i>)-2-Propylpiperidine	5985-99-9	99
ES-AM-012		(<i>S</i>)-2-Propylpiperidine	458-88-8	99
ES-AM-013		(<i>R</i>)-2-Phenylpiperidine		99
ES-AM-014		(<i>S</i>)-2-Phenylpiperidine		99
ES-AM-015		(<i>R</i>)-2-(4-Fluorophenyl)-piperidine		99
ES-AM-016		(<i>S</i>)-2-(4-Fluorophenyl)-piperidine		99
ES-AM-017		(<i>S</i>)-2-(Thiazol-2-yl)piperidine		99

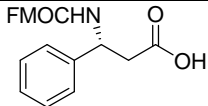
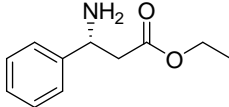
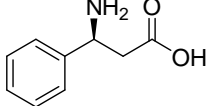
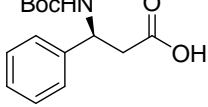
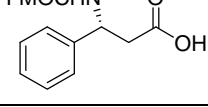
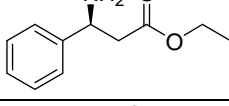
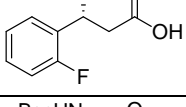
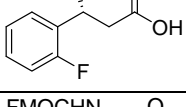
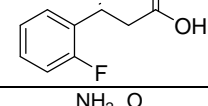
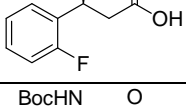
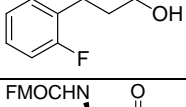
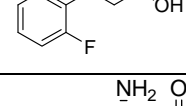
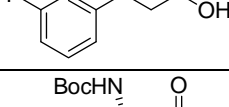
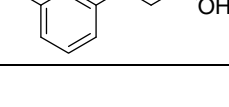
ES-AM-018		(<i>R</i>)-2-(Thiazol-2-yl)piperidine		99
ES-AM-019		(<i>R</i>)-6-Fluoro-2-methyl-1,2,3,4-tetrahydroquinoline		99
ES-AM-020		(<i>S</i>)-6-Fluoro-2-methyl-1,2,3,4-tetrahydroquinoline		99
ES-AM-021		(<i>S</i>)-N-Methyl-1,2,3,4-tetrahydronaphthalen-1-amine	199186-9-1	99
ES-AM-022		(<i>R</i>)-N-Methyl-1,2,3,4-tetrahydronaphthalen-1-amine	199186-8-0	99
ES-AM-023		(<i>R</i>)-2-Methylpyrrolidine	49681-43-8	99
ES-AM-024		(<i>S</i>)-2-Methylpyrrolidine	114419-88-4	99

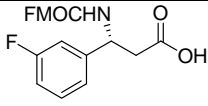
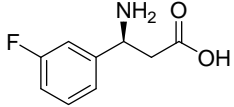
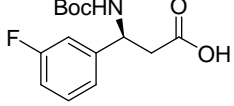
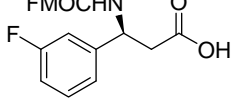
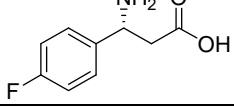
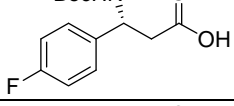
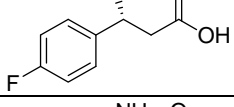
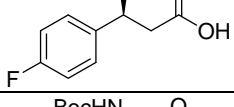
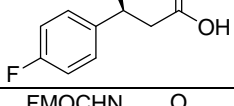
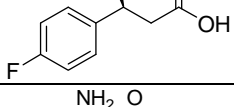
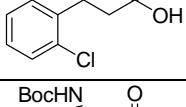
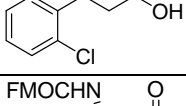
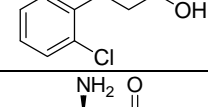
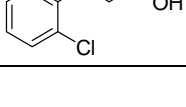
Chiral α -Amino Acids

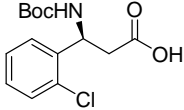
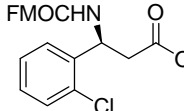
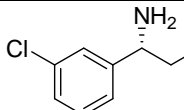
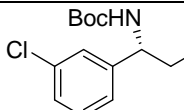
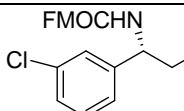
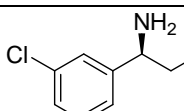
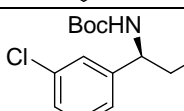

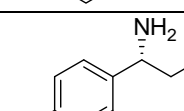
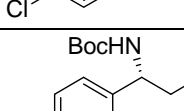
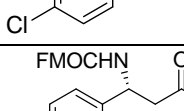
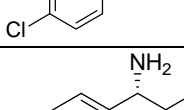
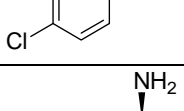
EnzySource provides a wide range of chiral amino acids and amines in cooperation with and produced by *ChiralVision*.

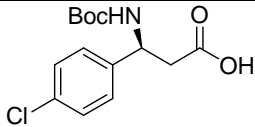
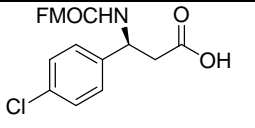
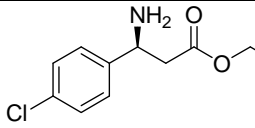
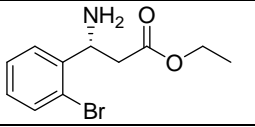
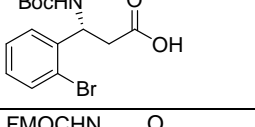
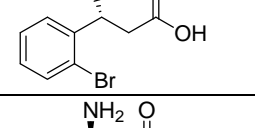
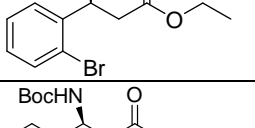
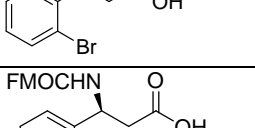
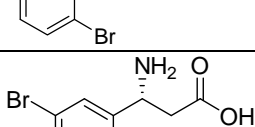
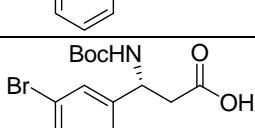
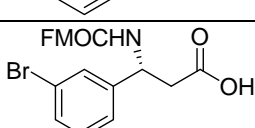
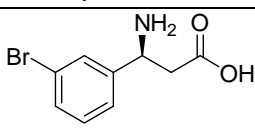

Catalogue No	Structure	Name	CAS	<i>e.e.</i> (%)
ES-AA 001		D-Aminobutyric acid [(<i>R</i>)-2-Aminobutyric acid]	2623-91-8	>99
ES-AA 002		Boc-D-aminobutyric acid [Boc-(<i>R</i>)-2-aminobutyric acid]	45121-22-0	99
ES-AA 003		Fmoc-D-aminobutyric acid [Fmoc-(<i>R</i>)-2-aminobutyric acid]	170642-2-0	99
ES-AA 004		D-Isoleucine [(2 <i>R</i> ,3 <i>R</i>)-2-Amino-3-methylpentanoic acid]	319-78-8	<i>e.e.</i> 99 de. 98

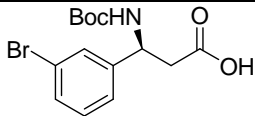
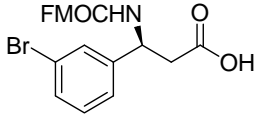
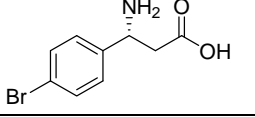
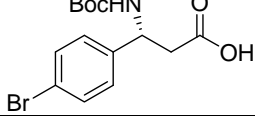
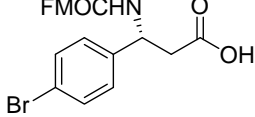
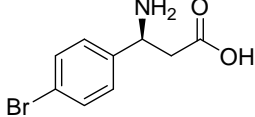
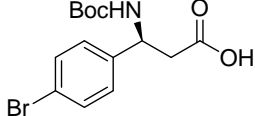
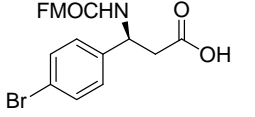
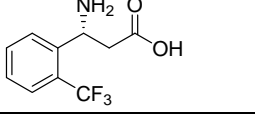
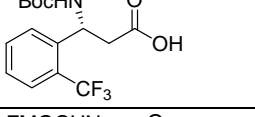
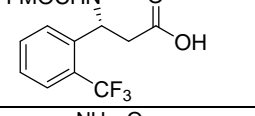
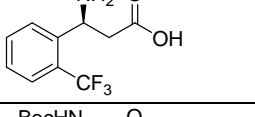
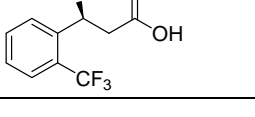
ES-AA 005		Boc-D-isoleucine [Boc-(2 <i>R</i> ,3 <i>R</i>)-2-amino-3-methylpentanoic acid]	55721-65-8	99
ES-AA 006		Fmoc-D-isoleucine [Fmoc-(2 <i>R</i> ,3 <i>R</i>)-2-amino-3-methylpentanoic acid]	143688-83-9	99
ES-AA 007		L-Allo-isoleucine [(2 <i>S</i> ,3 <i>R</i>)-2-amino-3-methylpentanoic acid]	1509-34-8	e.e. 99 de. 98
ES-AA 008		Boc-L-allo-isoleucine [Boc-(2 <i>S</i> ,3 <i>R</i>)-2-amino-3-methylpentanoic acid]	35264-07-4	e.e.99 de. 98
ES-AA 009		Fmoc-L-allo-isoleucine [Fmoc-(2 <i>S</i> ,3 <i>R</i>)-2-amino-3-methylpentanoic acid]	251316-98-0	e.e.99 de 98
ES-AA 010		D-Allo-isoleucine [(2 <i>R</i> ,3 <i>S</i>)-2-Amino-3-methylpentanoic acid]	1509-35-9	e.e.99 de.98
ES-AA 011		Boc-D-allo-isoleucine [Boc-(2 <i>R</i> ,3 <i>S</i>)-2-amino-3-methylpentanoic acid]	55780-90-0	e.e. 99 de 98
ES-AA 012		Fmoc-D-allo-isoleucine [Fmoc-(2 <i>R</i> ,3 <i>S</i>)-2-amino-3-methylpentanoic acid]	118904-37-3	e.e. 99 de. 98
ES-AA 013		D-tert-Leucine [(<i>R</i>)-2-Amino-3,3-dimethylbutanoic acid]	26782-71-8	>99
ES-AA 014		Boc-D-tert-leucine [Boc-(<i>R</i>)-2-amino-3,3-dimethylbutanoic acid]	124655-17-0	99
ES-AA 015		Fmoc-D-tert-leucine [Fmoc-(<i>R</i>)-2-amino-3,3-dimethylbutanoic acid]	198543-64-5	>99
Chiral β-Amino Acids				
ES-AA 016		(<i>R</i>)- β -Phenylalanine [(<i>R</i>)-3-Amino-3-phenylpropanoic acid]	13921-90-9	99
ES-AA 017		Boc-(<i>R</i>)- β -phenylalanine [Boc-(3 <i>R</i>)-3-amino-3-phenylpropanoic acid]	161024-80-2	99

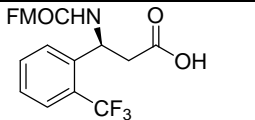
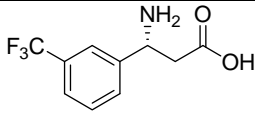
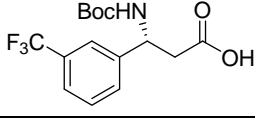
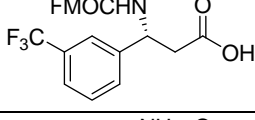
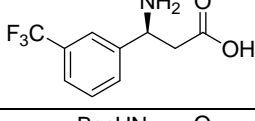
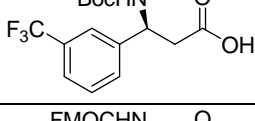
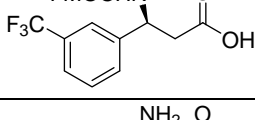
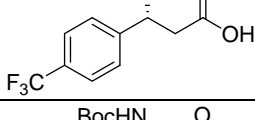
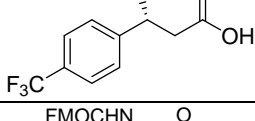
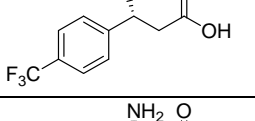
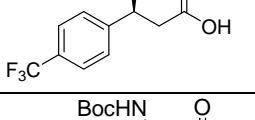
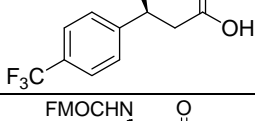
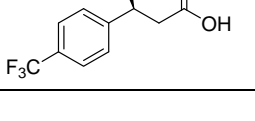
ES-AA 018		Fmoc-(<i>R</i>)- β -phenylalanine [Fmoc-(3 <i>R</i>)-3-amino-3-phenylpropanoic acid]	220498-02-2	99
ES-AA 019		(<i>R</i>)- β -Phenylalanine ethyl ester [Ethyl (3 <i>R</i>)-3-amino-3-phenylpropionate]		99
ES-AA 020		(<i>S</i>)- β -Phenylalanine [(<i>S</i>)-3-Amino-3-phenylpropanoic acid]	40856-44-8	99
ES-AA 021		Boc- <i>S</i> - β -phenylalanine [Boc-(3 <i>S</i>)-3-amino-3-phenylpropanoic acid]	103365-47-5	99
ES-AA 022		Fmoc- <i>S</i> - β -phenylalanine [Fmoc-(3 <i>S</i>)-3-amino-3-phenylpropanoic acid]	209252-15-3	99
ES-AA 023		(<i>S</i>)- β -Phenylalanine ethyl ester [Ethyl (3 <i>R</i>)-3-amino-3-phenylpropionate]		99
ES-AA 024		(<i>R</i>)-3-Amino-3-(2-fluoro-phenyl)-propionic acid	151911-22-7	99
ES-AA 025		Boc-(<i>R</i>)-3-amino-3-(2-fluoro-phenyl)-propionic acid		99
ES-AA 026		Fmoc-(<i>R</i>)-3-amino-3-(2-fluoro-phenyl)-propionic acid		99
ES-AA 027		(<i>S</i>)-3-Amino-3-(2-fluoro-phenyl)-propionic acid	151911-32-9	99
ES-AA 028		Boc-(<i>S</i>)-3-amino-3-(2-fluoro-phenyl)-propionic acid		99
ES-AA 029		Fmoc-(<i>S</i>)-3-amino-3-(2-fluoro-phenyl)-propionic acid		99
ES-AA 030		(<i>R</i>)-3-Amino-3-(3-fluoro-phenyl)-propionic acid		99
ES-AA 031		Boc-(<i>R</i>)-3-amino-3-(3-fluoro-phenyl)-propionic acid		99

ES-AA 032		Fmoc-(<i>R</i>)-3-amino-3-(3-fluoro-phenyl)-propionic acid		99
ES-AA 033		(<i>S</i>)-3-Amino-3-(3-fluoro-phenyl)-propionic acid		99
ES-AA 034		Boc-(<i>S</i>)-3-amino-3-(3-fluoro-phenyl)-propionic acid		99
ES-AA 035		Fmoc-(<i>S</i>)-3-amino-3-(3-fluoro-phenyl)-propionic acid		99
ES-AA 036		(<i>R</i>)-3-Amino-3-(4-fluoro-phenyl)-propionic acid	151911-23-8	99
ES-AA 037		Boc-(<i>R</i>)-3-amino-3-(4-fluoro-phenyl)-propionic acid	479064-94-3	99
ES-AA 038		Fmoc-(<i>R</i>)-3-amino-3-(4-fluoro-phenyl)-propionic acid	479064-95-4	99
ES-AA 039		(<i>S</i>)-3-Amino-3-(4-fluoro-phenyl)-propionic acid	151911-33-0	99
ES-AA 040		Boc-(<i>S</i>)-3-amino-3-(4-fluoro-phenyl)-propionic acid	479064-88-5	99
ES-AA 041		Fmoc-(<i>S</i>)-3-amino-3-(4-fluoro-phenyl)-propionic acid	479064-89-6	99
ES-AA 042		(<i>R</i>)-3-Amino-3-(2-chloro-phenyl)-propionic acid		99
ES-AA 043		Boc-(<i>R</i>)-3-amino-3-(2-chloro-phenyl)-propionic acid		99
ES-AA 044		Fmoc-(<i>R</i>)-3-amino-3-(2-chloro-phenyl)-propionic acid		99
ES-AA 045		(<i>S</i>)-3-Amino-3-(2-chloro-phenyl)-propionic acid		99

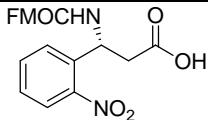
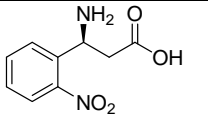
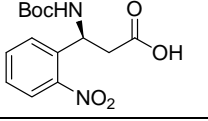
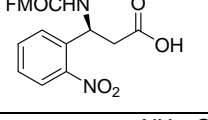
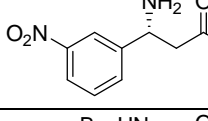
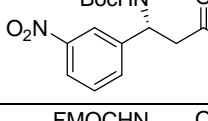
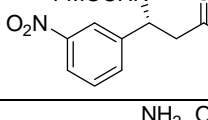
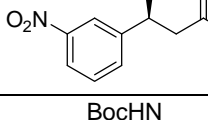
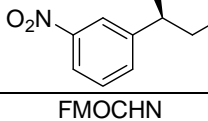
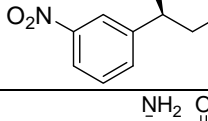
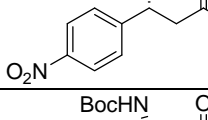
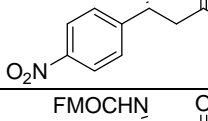
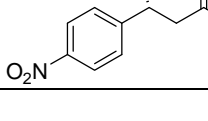
ES-AA 046		Boc-(<i>S</i>)-3-amino-3-(2-chloro-phenyl)-propionic acid		99
ES-AA 047		Fmoc-(<i>S</i>)-3-amino-3-(2-chloro-phenyl)-propionic acid		99
ES-AA 048		(<i>R</i>)-3-Amino-3-(3-chloro-phenyl)-propionic acid	262429-49-2	99
ES-AA 049		Boc-(<i>R</i>)-3-amino-3-(3-chloro-phenyl)-propionic acid		99
ES-AA 050		Fmoc-(<i>R</i>)-3-amino-3-(3-chloro-phenyl)-propionic acid		99
ES-AA 051		(<i>S</i>)-3-Amino-3-(3-chloro-phenyl)-propionic acid		99
ES-AA 052		Boc-(<i>S</i>)-3-amino-3-(3-chloro-phenyl)-propionic acid		99
ES-AA 053		Fmoc-(<i>S</i>)-3-amino-3-(3-chloro-phenyl)-propionic acid		99
ES-AA 054		(<i>R</i>)- β -(<i>p</i> -Chlorophenyl)alanine [(<i>R</i>)-3-Amino-3-(4-chloro-phenyl)-propionic acid]	131690-61-4	99
ES-AA 055		Boc-(<i>R</i>)- β -(<i>p</i> -chlorophenyl)alanine [Boc-(<i>R</i>)-3-amino-3-(4-chloro-phenyl)-propionic acid]	479064-93-2	99
β ES-AA 056		Fmoc-(<i>R</i>)- β -(<i>p</i> -chlorophenyl)alanine [Fmoc-(<i>R</i>)-3-amino-3-(4-chloro-phenyl)-propionic acid]	479064-92-1	99
ES-AA 057		(<i>R</i>)- β -(<i>p</i> -Chlorophenyl)alanine ethyl ester [Ethyl (<i>R</i>)-3-amino-3-(4-chloro-phenyl)-propionate]		99
ES-AA 058		(<i>S</i>)- β -(<i>p</i> -Chlorophenyl)alanine [(<i>S</i>)-3-Amino-3-(4-chloro-phenyl)-propionic acid]	131690-60-3	99

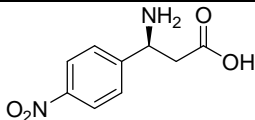
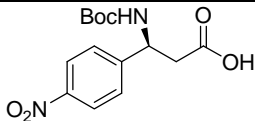
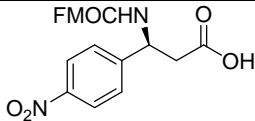
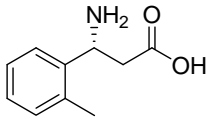
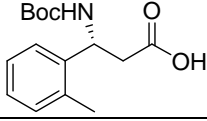
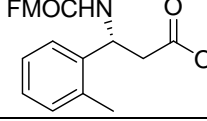
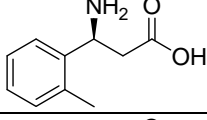
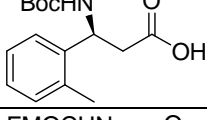
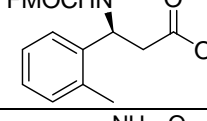
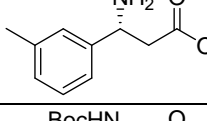
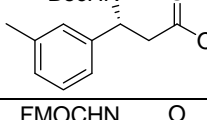
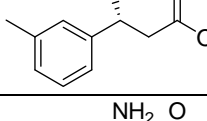
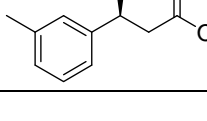
ES-AA 059		Boc-(<i>S</i>)-β-(<i>p</i> -chlorophenyl)alanine [Boc-(<i>S</i>)-3-amino-3-(4-chloro-phenyl)-propionic acid]	479064-90-9	99
ES-AA 060		Fmoc-(<i>S</i>)-β-(<i>p</i> -chlorophenyl)alanine [Fmoc-(<i>S</i>)-3-amino-3-(4-chloro-phenyl)-propionic acid]	479064-91-0	99
ES-AA 061		(<i>S</i>)-β-(<i>p</i> -Chlorophenyl)alanine ethyl ester [Ethyl (<i>S</i>)-3-Amino-3-(4-chloro-phenyl)-propionate]		99
ES-AA 062		(<i>R</i>)-3-Amino-3-(2-bromo-phenyl)-propionic acid		99
ES-AA 063		Boc-(<i>R</i>)-3-amino-3-(2-bromo-phenyl)-propionic acid		99
ES-AA 064		Fmoc-(<i>R</i>)-3-amino-3-(2-bromo-phenyl)-propionic acid		99
ES-AA 065		(<i>S</i>)-3-Amino-3-(2-bromo-phenyl)-propionic acid	275826-34-1	99
ES-AA 066		Boc-(<i>S</i>)-3-amino-3-(2-bromo-phenyl)-propionic acid		99
ES-AA 067		Fmoc-(<i>S</i>)-3-amino-3-(2-bromo-phenyl)-propionic acid		99
ES-AA 068		(<i>R</i>)-3-Amino-3-(3-bromo-phenyl)-propionic acid		99
ES-AA 069		Boc-(<i>R</i>)-3-amino-3-(3-bromo-phenyl)-propionic acid		99
ES-AA 070		Fmoc-(<i>R</i>)-3-amino-3-(3-bromo-phenyl)-propionic acid		99
ES-AA 071		(<i>S</i>)-3-Amino-3-(3-bromo-phenyl)-propionic acid	275826-35-2	99

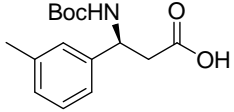
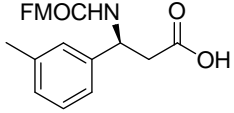
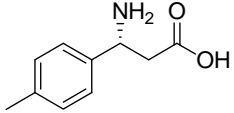
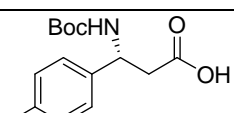
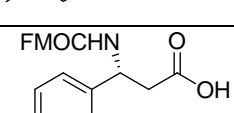
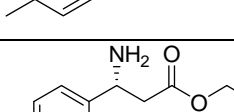
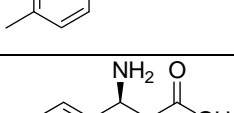
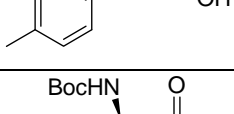
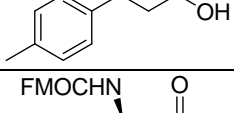
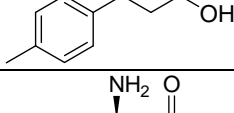
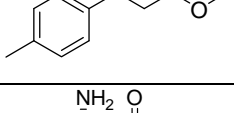
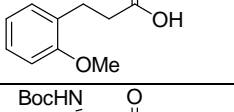
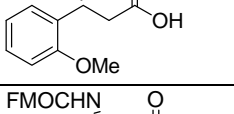
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ES-AA 073		Fmoc-(<i>S</i>)-3-amino-3-(3-bromo-phenyl)-propionic acid		99
ES-AA 074		(<i>R</i>)-3-Amino-3-(4-bromo-phenyl)-propionic acid		99
ES-AA 075		Boc-(<i>R</i>)-3-amino-3-(4-bromo-phenyl)-propionic acid	261380-20-5	99
ES-AA 076		Fmoc-(<i>R</i>)-3-amino-3-(4-bromo-phenyl)-propionic acid	220498-04-4	99
ES-AA 077		(<i>S</i>)-3-Amino-3-(4-bromo-phenyl)-propionic acid	275826-36-3	99
ES-AA 078		Boc-(<i>S</i>)-3-amino-3-(4-bromo-phenyl)-propionic acid	261165-06-4	99
ES-AA 079		Fmoc-(<i>S</i>)-3-amino-3-(4-bromo-phenyl)-propionic acid	220497-68-7	99
ES-AA 080		(<i>R</i>)-3-Amino-3-(2-trifluoromethyl-phenyl)-propionic acid		99
ES-AA 081		Boc-(<i>R</i>)-3-amino-3-(2-trifluoromethyl-phenyl)-propionic acid		99
ES-AA 082		Fmoc-(<i>R</i>)-3-amino-3-(2-trifluoromethyl-phenyl)-propionic acid		99
ES-AA 083		(<i>S</i>)-3-Amino-3-(2-trifluoromethyl-phenyl)-propionic acid		99
ES-AA 084		Boc-(<i>S</i>)-3-amino-3-(2-trifluoromethyl-phenyl)-propionic acid		99

ES-AA 085		Fmoc-(<i>S</i>)-3-amino-3-(2-trifluoromethyl-phenyl)-propionic acid		99
ES-AA 086		(<i>R</i>)-3-Amino-3-(3-trifluoromethyl-phenyl)-propionic acid		99
ES-AA 087		Boc-(<i>R</i>)-3-amino-3-(3-trifluoromethyl-phenyl)-propionic acid		99
ES-AA 088		Fmoc-(<i>R</i>)-3-amino-3-(3-trifluoromethyl-phenyl)-propionic acid		99
ES-AA 089		(<i>S</i>)-3-Amino-3-(3-trifluoromethyl-phenyl)-propionic acid		99
ES-AA 090		Boc-(<i>S</i>)-3-amino-3-(3-trifluoromethyl-phenyl)-propionic acid		99
ES-AA 091		Fmoc-(<i>S</i>)-3-amino-3-(3-trifluoromethyl-phenyl)-propionic acid		99
ES-AA 092		(<i>R</i>)-3-Amino-3-(4-trifluoromethyl-phenyl)-propionic acid		99
ES-AA 093		Boc-(<i>R</i>)-3-amino-3-(4-trifluoromethyl-phenyl)-propionic acid		99
ES-AA 094		Fmoc-(<i>R</i>)-3-amino-3-(4-trifluoromethyl-phenyl)-propionic acid		99
ES-AA 095		(<i>S</i>)-3-Amino-3-(4-trifluoromethyl-phenyl)-propionic acid		99
ES-AA 096		Boc-(<i>S</i>)-3-amino-3-(4-trifluoromethyl-phenyl)-propionic acid		99
ES-AA 097		Fmoc-(<i>S</i>)-3-amino-3-(4-trifluoromethyl-phenyl)-propionic acid		99

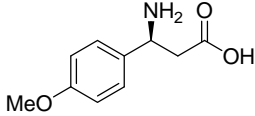
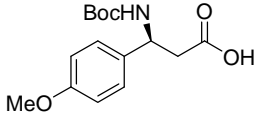
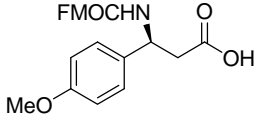
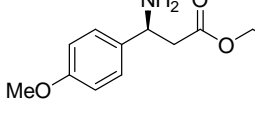
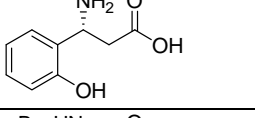
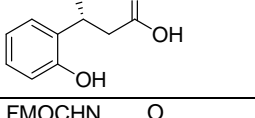
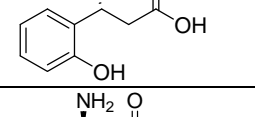
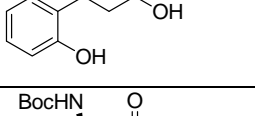
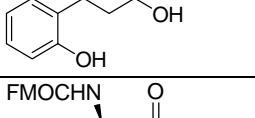
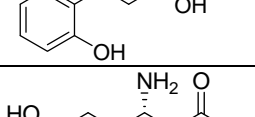
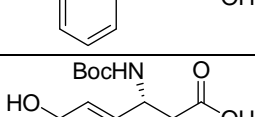
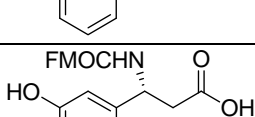
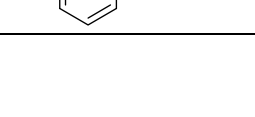
ES-AA 098		(<i>R</i>)-3-Amino-3-(3-cyano-phenyl)-propionic acid	99
ES-AA 099		Boc-(<i>R</i>)-3-amino-3-(3-cyano-phenyl)-propionic acid	99
ES-AA 100		Fmoc-(<i>R</i>)-3-amino-3-(3-cyano-phenyl)-propionic acid	99
ES-AA 101		(<i>S</i>)-3-Amino-3-(3-cyano-phenyl)-propionic acid	99
ES-AA 102		Boc-(<i>S</i>)-3-amino-3-(3-cyano-phenyl)-propionic acid	99
ES-AA 103		Fmoc-(<i>S</i>)-3-amino-3-(3-cyano-phenyl)-propionic acid	99
ES-AA 104		(<i>R</i>)-3-Amino-3-(4-cyano-phenyl)-propionic acid	99
ES-AA 105		Boc-(<i>R</i>)-3-amino-3-(4-cyano-phenyl)-propionic acid	99
ES-AA 106		Fmoc-(<i>R</i>)-3-amino-3-(4-cyano-phenyl)-propionic acid	99
ES-AA 107		(<i>S</i>)-3-Amino-3-(4-cyano-phenyl)-propionic acid	99
ES-AA 108		Boc-(<i>S</i>)-3-amino-3-(4-cyano-phenyl)-propionic acid	99
ES-AA 109		Fmoc-(<i>S</i>)-3-amino-3-(4-cyano-phenyl)-propionic acid	99
ES-AA 110		(<i>R</i>)-3-Amino-3-(2-nitro-phenyl)-propionic acid	99
ES-AA 111		Boc-(<i>R</i>)-3-amino-3-(2-nitro-phenyl)-propionic acid	99

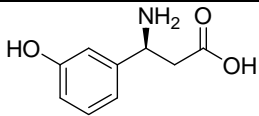
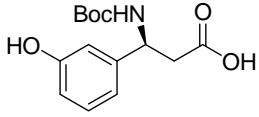
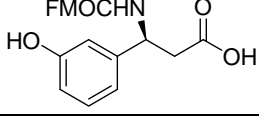
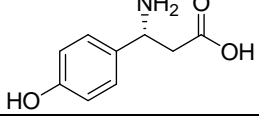
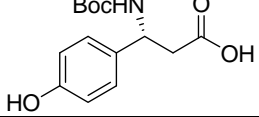
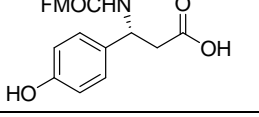
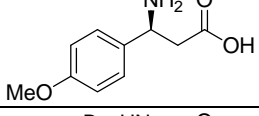
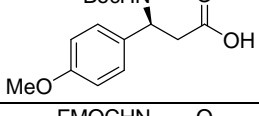
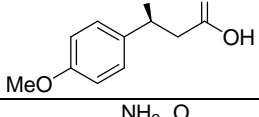
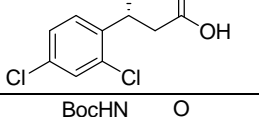
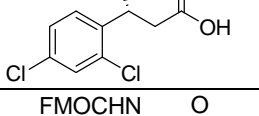
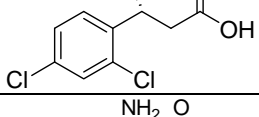
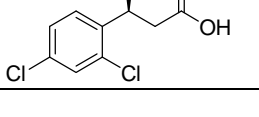
ES-AA 112		Fmoc-(<i>R</i>)-3-amino-3-(2-nitro-phenyl)-propionic acid		99
ES-AA 113		(<i>S</i>)-3-Amino-3-(2-nitro-phenyl)-propionic acid		99
ES-AA 114		Boc-(<i>S</i>)-3-amino-3-(2-nitro-phenyl)-propionic acid		99
ES-AA 115		Fmoc-(<i>S</i>)-3-amino-3-(2-nitro-phenyl)-propionic acid		99
ES-AA 116		(<i>R</i>)-3-Amino-3-(3-nitro-phenyl)-propionic acid		99
ES-AA 117		Boc-(<i>R</i>)-3-amino-3-(3-nitro-phenyl)-propionic acid		99
ES-AA 118		Fmoc-(<i>R</i>)-3-amino-3-(3-nitro-phenyl)-propionic acid	374791-04-5	99
ES-AA 119		(<i>S</i>)-3-Amino-3-(3-nitro-phenyl)-propionic acid		99
ES-AA 120		Boc-(<i>S</i>)-3-amino-3-(3-nitro-phenyl)-propionic acid		99
ES-AA 121		Fmoc-(<i>S</i>)-3-amino-3-(3-nitro-phenyl)-propionic acid	374791-01-2	99
ES-AA 122		(<i>R</i>)-3-Amino-3-(4-nitro-phenyl)-propionic acid		99
ES-AA 123		Boc-(<i>R</i>)-3-amino-3-(4-nitro-phenyl)-propionic acid		99
ES-AA 124		Fmoc-(<i>R</i>)-3-amino-3-(4-nitro-phenyl)-propionic acid		99

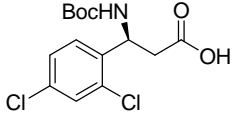
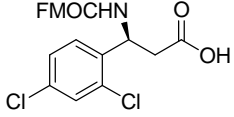
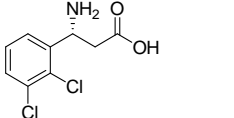
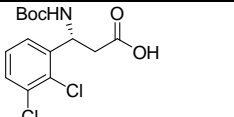
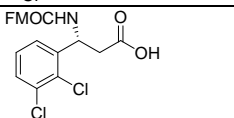
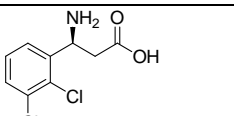
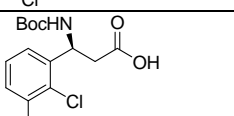
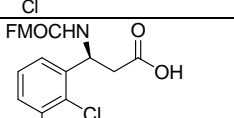
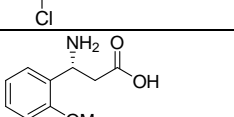
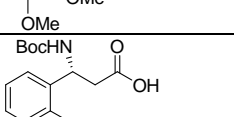
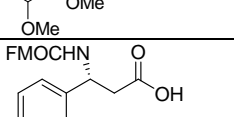
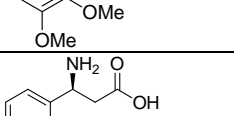
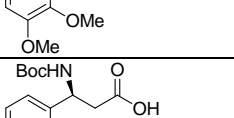
ES-AA 125		(<i>S</i>)-3-Amino-3-(4-nitro-phenyl)-propionic acid		99
ES-AA 126		Boc-(<i>S</i>)-3-amino-3-(4-nitro-phenyl)-propionic acid		99
ES-AA 127		Fmoc-(<i>S</i>)-3-amino-3-(4-nitro-phenyl)-propionic acid		99
ES-AA 128		(<i>R</i>)-3-Amino-3-(2-methyl-phenyl)-propionic acid		99
ES-AA 129		Boc-(<i>R</i>)-3-amino-3-(2-methyl-phenyl)-propionic acid		99
ES-AA 130		Fmoc-(<i>R</i>)-3-amino-3-(2-methyl-phenyl)-propionic acid		99
ES-AA 131		(<i>S</i>)-3-Amino-3-(2-methyl-phenyl)-propionic acid		99
ES-AA 132		Boc-(<i>S</i>)-3-amino-3-(2-methyl-phenyl)-propionic acid		99
ES-AA 133		Fmoc-(<i>S</i>)-3-amino-3-(2-methyl-phenyl)-propionic acid		99
ES-AA 134		(<i>R</i>)-3-Amino-3-(3-methyl-phenyl)-propionic acid		99
ES-AA 135		Boc-(<i>R</i>)-3-amino-3-(3-methyl-phenyl)-propionic acid		99
ES-AA 136		Fmoc-(<i>R</i>)-3-amino-3-(3-methyl-phenyl)-propionic acid		99
ES-AA 137		(<i>S</i>)-3-Amino-3-(3-methyl-phenyl)-propionic acid		99

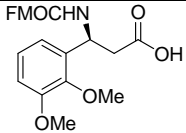
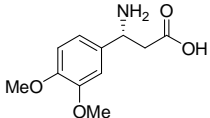
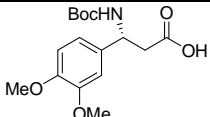
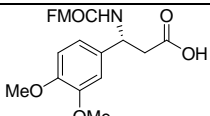
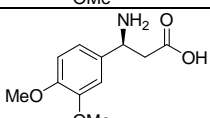
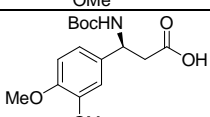
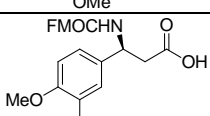
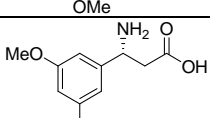
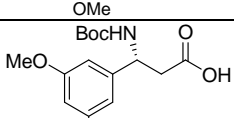
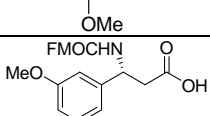
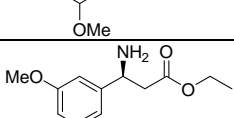
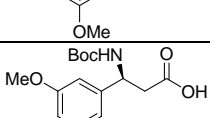
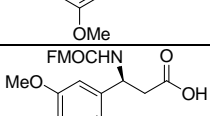
ES-AA 138		Boc-(<i>S</i>)-3-amino-3-(3-methyl-phenyl)-propionic acid		99
ES-AA 139		Fmoc-(<i>S</i>)-3-amino-3-(3-methyl-phenyl)-propionic acid		99
ES-AA 140		(<i>R</i>)- β -(<i>p</i> -Methylphenyl)alanine [(<i>R</i>)-3-Amino-3-(4-methyl-phenyl)-propionic acid]	479064-87-4	99
ES-AA 141		Boc-(<i>R</i>)- β -(<i>p</i> -methylphenyl)alanine [Boc-(<i>R</i>)-3-amino-3-(4-methyl-phenyl)-propionic acid]	479064-97-6	99
ES-AA 142		Fmoc-(<i>R</i>)- β -(<i>p</i> -methylphenyl)alanine [Fmoc-(<i>R</i>)-3-amino-3-(4-methyl-phenyl)-propionic acid]	479064-98-7	99
ES-AA 143		(<i>R</i>)- β -(<i>p</i> -Methylphenyl)alanine ethyl ester [Ethyl (<i>R</i>)-3-amino-3-(4-methyl-phenyl)-propionate]		99
ES-AA 144		(<i>S</i>)- β -(<i>p</i> -Methylphenyl)alanine [(<i>S</i>)-3-Amino-3-(4-methyl-phenyl)-propionic acid]		99
ES-AA 145		Boc-(<i>S</i>)- β -(<i>p</i> -methylphenyl)alanine [Boc-(<i>S</i>)-3-amino-3-(4-methyl-phenyl)-propionic acid]		99
ES-AA 146		Fmoc-(<i>S</i>)- β -(<i>p</i> -methylphenyl)alanine [Fmoc-(<i>S</i>)-3-amino-3-(4-methyl-phenyl)-propionic acid]	479064-99-8	
ES-AA 147		(<i>S</i>)- β -(<i>p</i> -Methylphenyl)alanine ethyl ester [Ethyl (<i>S</i>)-3-amino-3-(4-methyl-phenyl)-propionate]		99
ES-AA 148		(<i>R</i>)-3-Amino-3-(2-methoxy-phenyl)-propionic acid		99
ES-AA 149		Boc-(<i>R</i>)-3-amino-3-(2-methoxy-phenyl)-propionic acid		99
ES-AA 150		Fmoc-(<i>R</i>)-3-amino-3-(2-methoxy-phenyl)-propionic acid		99

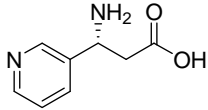
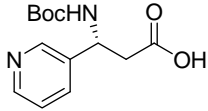
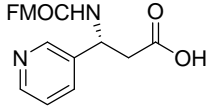
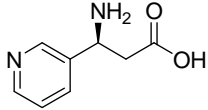
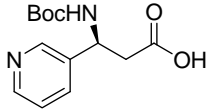
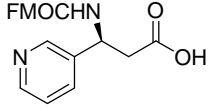
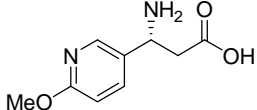
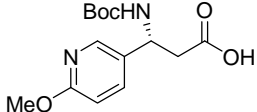
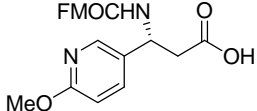
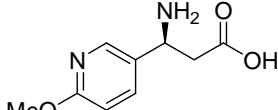
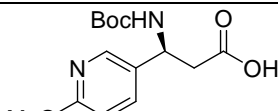
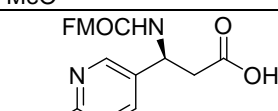
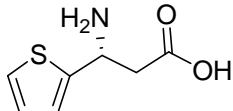
ES-AA 151		(<i>S</i>)-3-Amino-3-(2-methoxy-phenyl)-propionic acid		99
ES-AA 152		Boc-(<i>S</i>)-3-amino-3-(2-methoxy-phenyl)-propionic acid		99
ES-AA 153		Fmoc-(<i>S</i>)-3-amino-3-(2-methoxy-phenyl)-propionic acid		99
ES-AA 154		(<i>R</i>)-3-Amino-3-(3-methoxy-phenyl)-propionic acid		99
ES-AA 155		Boc-(<i>R</i>)-3-amino-3-(3-methoxy-phenyl)-propionic acid		99
ES-AA 156		Fmoc-(<i>R</i>)-3-amino-3-(3-methoxy-phenyl)-propionic acid		99
ES-AA 157		(<i>S</i>)-3-Amino-3-(3-methoxy-phenyl)-propionic acid		
ES-AA 158		Boc-(<i>S</i>)-3-amino-3-(3-methoxy-phenyl)-propionic acid		
ES-AA 159		Fmoc-(<i>S</i>)-3-amino-3-(3-methoxy-phenyl)-propionic acid		
ES-AA 160		(<i>R</i>)- β -(<i>p</i> -Methoxyphenyl)alanine [(<i>R</i>)-3-Amino-3-(4-methoxy-phenyl)-propionic acid]	131690-57-8	99
ES-AA 161		Boc-(<i>R</i>)- β -(<i>p</i> -methoxyphenyl)alanine [Boc-(<i>R</i>)-3-amino-3-(4-methoxy-phenyl)-propionic acid]	500788-87-4	99
ES-AA 162		Fmoc-(<i>R</i>)- β -(<i>p</i> -methoxyphenyl)alanine [Fmoc-(<i>R</i>)-3-amino-3-(4-methoxy-phenyl)-propionic acid]	511272-33-6	99
ES-AA 163		(<i>R</i>)- β -(<i>p</i> -Methoxyphenyl)alanine ethyl ester [Ethyl (<i>R</i>)-3-amino-3-(4-methoxy-phenyl)-propionate]		99

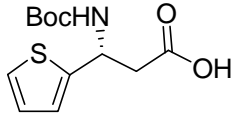
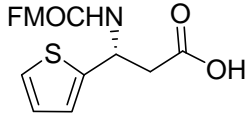
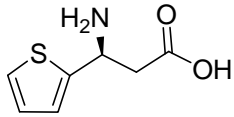
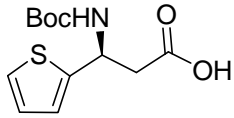
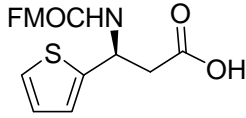
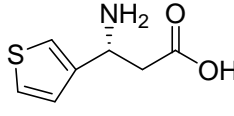
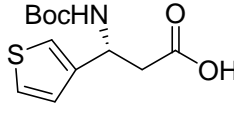
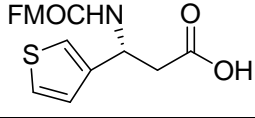
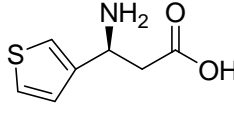
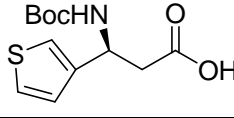
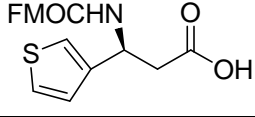
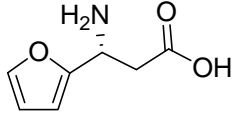
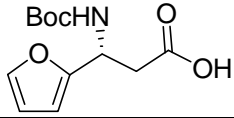
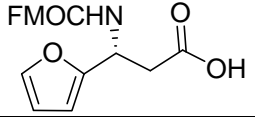
ES-AA 164		(<i>S</i>)- β -(<i>p</i> -Methoxyphenyl)alanine [(<i>S</i>)-3-Amino-3-(4-methoxy-phenyl)-propionic acid]	131690-56-7	99
ES-AA 165		Boc-(<i>S</i>)- β -(<i>p</i> -methoxyphenyl)alanine [Boc-(<i>S</i>)-3-amino-3-(4-methoxy-phenyl)-propionic acid]		99
ES-AA 166		Fmoc-(<i>S</i>)- β -(<i>p</i> -methoxyphenyl)alanine [Fmoc-(<i>S</i>)-3-amino-3-(4-methoxy-phenyl)-propionic acid]		99
ES-AA 167		(<i>S</i>)- β -(<i>p</i> -Methoxyphenyl)alanine ethyl ester [Ethyl (<i>S</i>)-3-amino-3-(4-methoxy-phenyl)-propionate]		99
ES-AA 168		(<i>R</i>)-3-Amino-3-(2-hydroxy-phenyl)-propionic acid		99
ES-AA 169		Boc-(<i>R</i>)-3-amino-3-(2-hydroxy-phenyl)-propionic acid		99
ES-AA 170		Fmoc-(<i>R</i>)-3-amino-3-(2-hydroxy-phenyl)-propionic acid		99
ES-AA 171		(<i>S</i>)-3-Amino-3-(2-hydroxy-phenyl)-propionic acid		99
ES-AA 172		Boc-(<i>S</i>)-3-amino-3-(2-hydroxy-phenyl)-propionic acid		99
ES-AA 173		Fmoc-(<i>S</i>)-3-amino-3-(2-hydroxy-phenyl)-propionic acid		99
ES-AA 174		(<i>R</i>)-3-Amino-3-(3-hydroxy-phenyl)-propionic acid		99
ES-AA 175		Boc-(<i>R</i>)-3-amino-3-(3-hydroxy-phenyl)-propionic acid		99
ES-AA 176		Fmoc-(<i>R</i>)-3-amino-3-(3-hydroxy-phenyl)-propionic acid		99

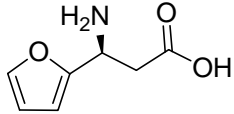
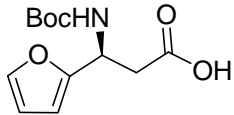
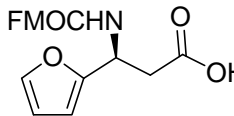
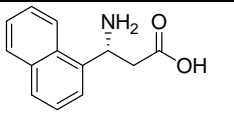
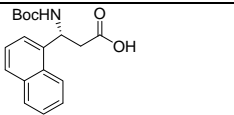
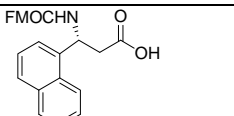
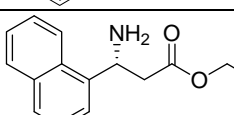
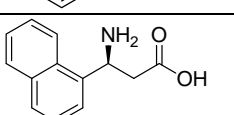
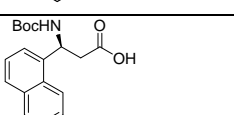
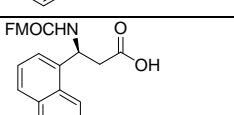
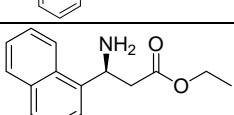
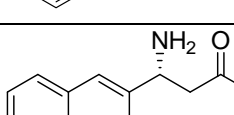
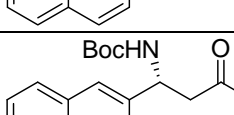
ES-AA 177		(<i>S</i>)-3-Amino-3-(3-hydroxy-phenyl)-propionic acid		
ES-AA 178		Boc-(<i>S</i>)-3-amino-3-(3-hydroxy-phenyl)-propionic acid		
ES-AA 179		Fmoc-(<i>S</i>)-3-amino-3-(3-hydroxy-phenyl)-propionic acid		
ES-AA 180		(<i>R</i>)-3-Amino-3-(4-hydroxy-phenyl)-propionic acid	73025-69-1	99
ES-AA 181		Boc-(<i>R</i>)-3-amino-3-(4-hydroxy-phenyl)-propionic acid	329013-12-9	99
ES-AA 182		Fmoc-(<i>R</i>)-3-amino-3-(4-hydroxy-phenyl)-propionic acid		99
ES-AA 183		(<i>S</i>)-3-Amino-3-(4-hydroxy-phenyl)-propionic acid	54732-46-6	99
ES-AA 184		Boc-(<i>S</i>)-3-amino-3-(4-hydroxy-phenyl)-propionic acid		99
ES-AA 185		Fmoc-(<i>S</i>)-3-amino-3-(4-hydroxy-phenyl)-propionic acid		99
ES-AA 186		(<i>R</i>)-3-Amino-3-(2,4-dichloro-phenyl)-propionic acid		99
ES-AA 187		Boc-(<i>R</i>)-3-amino-3-(2,4-dichloro-phenyl)-propionic acid		99
ES-AA 188		Fmoc-(<i>R</i>)-3-amino-3-(2,4-dichloro-phenyl)-propionic acid		99
ES-AA 189		(<i>S</i>)-3-Amino-3-(2,4-dichloro-phenyl)-propionic acid		99

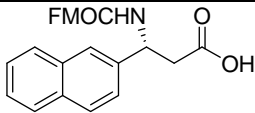
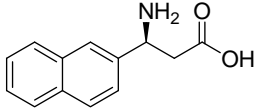
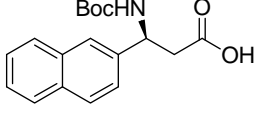
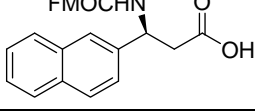
ES-AA 190		Boc-(<i>S</i>)-3-amino-3-(2,4-dichloro-phenyl)-propionic acid		99
ES-AA 191		Fmoc-(<i>S</i>)-3-amino-3-(2,4-dichloro-phenyl)-propionic acid		99
ES-AA 192		(<i>R</i>)-3-Amino-3-(2,3-dichloro-phenyl)-propionic acid		99
ES-AA 193		Boc-(<i>R</i>)-3-amino-3-(2,3-dichloro-phenyl)-propionic acid		99
ES-AA 194		Fmoc-(<i>R</i>)-3-amino-3-(2,3-dichloro-phenyl)-propionic acid		99
ES-AA 195		(<i>S</i>)-3-Amino-3-(2,3-dichloro-phenyl)-propionic acid		99
ES-AA 196		Boc-(<i>S</i>)-3-amino-3-(2,3-dichloro-phenyl)-propionic acid		99
ES-AA 197		Fmoc-(<i>S</i>)-3-amino-3-(2,3-dichloro-phenyl)-propionic acid		99
ES-AA 198		(<i>R</i>)-3-Amino-3-(2,3-dimethoxy-phenyl)-propionic acid		99
ES-AA 199		Boc-(<i>R</i>)-3-amino-3-(2,3-dimethoxy-phenyl)-propionic acid		99
ES-AA 200		Fmoc-(<i>R</i>)-3-amino-3-(2,3-dimethoxy-phenyl)-propionic acid		99
ES-AA 201		(<i>S</i>)-3-Amino-3-(2,3-dimethoxy-phenyl)-propionic acid		99
ES-AA 202		Boc-(<i>S</i>)-3-amino-3-(2,3-dimethoxy-phenyl)-propionic acid		99

ES-AA 203		Fmoc-(<i>S</i>)-3-amino-3-(2,3-dimethoxy-phenyl)-propionic acid	99
ES-AA 204		(<i>R</i>)-3-Amino-3-(3,4-dimethoxy-phenyl)-propionic acid	99
ES-AA 205		Boc-(<i>R</i>)-3-amino-3-(3,4-dimethoxy-phenyl)-propionic acid	99
ES-AA 206		Fmoc-(<i>R</i>)-3-amino-3-(3,4-dimethoxy-phenyl)-propionic acid	99
ES-AA 207		(<i>S</i>)-3-Amino-3-(3,4-dimethoxy-phenyl)-propionic acid	99
ES-AA 208		Boc-(<i>S</i>)-3-amino-3-(3,4-dimethoxy-phenyl)-propionic acid	99
ES-AA 209		Fmoc-(<i>S</i>)-3-amino-3-(3,4-dimethoxy-phenyl)-propionic acid	99
ES-AA 210		(<i>R</i>)-3-Amino-3-(3,5-dimethoxy-phenyl)-propionic acid	99
ES-AA 211		Boc-(<i>R</i>)-3-amino-3-(3,5-dimethoxy-phenyl)-propionic acid	99
ES-AA 212		Fmoc-(<i>R</i>)-3-amino-3-(3,5-dimethoxy-phenyl)-propionic acid	99
ES-AA 213		(<i>S</i>)-3-Amino-3-(3,5-dimethoxy-phenyl)-propionic acid	99
ES-AA 214		Boc-(<i>S</i>)-3-amino-3-(3,5-dimethoxy-phenyl)-propionic acid	99
ES-AA 215		Fmoc-(<i>S</i>)-3-amino-3-(3,5-dimethoxy-phenyl)-propionic acid	99

ES-AA 216		(<i>R</i>)-3-Amino-3-(3-pyridyl)-propionic acid	155050-17-2	99
ES-AA 217		Boc-(<i>R</i>)-3-amino-3-(3-pyridyl)-propionic acid		99
ES-AA 218		Fmoc-(<i>R</i>)-3-amino-3-(3-pyridyl)-propionic acid		99
ES-AA 219		(<i>S</i>)-3-Amino-3-(3-pyridyl)-propionic acid	129043-04-5	99
ES-AA 220		Boc-(<i>S</i>)-3-amino-3-(3-pyridyl)-propionic acid	297773-45-6	99
ES-AA 221		Fmoc-(<i>S</i>)-3-amino-3-(3-pyridyl)-propionic acid		99
ES-AA 222		(<i>R</i>)-3-Amino-3-(6-methoxy-3-pyridyl)-propionic acid		99
ES-AA 223		Boc-(<i>R</i>)-3-amino-3-(6-methoxy-3-pyridyl)-propionic acid		99
ES-AA 224		Fmoc-(<i>R</i>)-3-amino-3-(6-methoxy-3-pyridyl)-propionic acid		99
ES-AA 225		(<i>S</i>)-3-Amino-3-(6-methoxy-3-pyridyl)-propionic acid		99
ES-AA 226		Boc-(<i>S</i>)-3-amino-3-(6-methoxy-3-pyridyl)-propionic acid		99
ES-AA 227		Fmoc-(<i>S</i>)-3-amino-3-(6-methoxy-3-pyridyl)-propionic acid		99
ES-AA 228		(<i>R</i>)-3-Amino-3-(2-thienyl)-propionic acid		99

ES-AA 229		Boc-(<i>R</i>)-3-amino-3-(2-thienyl)-propionic acid		99
ES-AA 230		Fmoc-(<i>R</i>)-3-amino-3-(2-thienyl)-propionic acid		99
ES-AA 231		(<i>S</i>)-3-Amino-3-(2-thienyl)-propionic acid	131829-50-0	99
ES-AA 232		Boc-(<i>S</i>)-3-amino-3-(2-thienyl)-propionic acid		99
ES-AA 233		Fmoc-(<i>S</i>)-3-amino-3-(2-thienyl)-propionic acid		99
ES-AA 234		(<i>R</i>)-3-Amino-3-(3-thienyl)-propionic acid		99
ES-AA 235		Boc-(<i>R</i>)-3-amino-3-(3-thienyl)-propionic acid		99
ES-AA 236		Fmoc-(<i>R</i>)-3-amino-3-(3-thienyl)-propionic acid		99
ES-AA 237		(<i>S</i>)-3-Amino-3-(3-thienyl)-propionic acid		99
ES-AA 238		Boc-(<i>S</i>)-3-amino-3-(3-thienyl)-propionic acid		99
ES-AA 239		Fmoc-(<i>S</i>)-3-amino-3-(3-thienyl)-propionic acid		99
ES-AA 240		(<i>R</i>)-3-Amino-3-(2-furyl)-propionic acid		99
ES-AA 241		Boc-(<i>R</i>)-3-amino-3-(2-furyl)-propionic acid		99
ES-AA 242		Fmoc-(<i>R</i>)-3-amino-3-(2-furyl)-propionic acid		99

ES-AA 243		(<i>S</i>)-3-Amino-3-(2-furyl)-propionic acid		99
ES-AA 244		Boc-(<i>S</i>)-3-amino-3-(2-furyl)-propionic acid		99
ES-AA 245		Fmoc-(<i>S</i>)-3-amino-3-(2-furyl)-propionic acid		99
ES-AA 246		(<i>R</i>)-3-Amino-3-(1-naphthyl)-propionic acid	775280-91-6	99
ES-AA 247		Boc-(<i>R</i>)-3-amino-3-(1-naphthyl)-propionic acid	500789-00-4	99
ES-AA 248		Fmoc-(<i>R</i>)-3-amino-3-(1-naphthyl)-propionic acid	511272-47-2	99
ES-AA 249		Ethyl (<i>R</i>)-3-amino-3-(1-naphthyl)-propionate	275826-40-9	99
ES-AA 250		(<i>S</i>)-3-Amino-3-(1-naphthyl)-propionic acid	275826-46-5	99
ES-AA 251		Boc-(<i>S</i>)-3-amino-3-(1-naphthyl)-propionic acid	500770-68-3	99
ES-AA 252		Fmoc-(<i>S</i>)-3-amino-3-(1-naphthyl)-propionic acid	507472-10-8	99
ES-AA 253		Ethyl (<i>S</i>)-3-amino-3-(1-naphthyl)-propionate		99
ES-AA 254		(<i>R</i>)-3-Amino-3-(2-naphthyl)-propionic acid		99
ES-AA 255		Boc-(<i>R</i>)-3-amino-3-(2-naphthyl)-propionic acid		99

ES-AA 256		Fmoc-(<i>R</i>)-3-amino-3-(2-naphthyl)-propionic acid		99
ES-AA 257		(<i>S</i>)-3-Amino-3-(2-naphthyl)-propionic acid		99
ES-AA 258		Boc-(<i>S</i>)-3-amino-3-(2-naphthyl)-propionic acid		99
ES-AA 259		Fmoc-(<i>S</i>)-3-amino-3-(2-naphthyl)-propionic acid		99

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