

Stable Isotope Labelled Amino Acids

A full line of stable isotope compounds, including Carbon-13, Deuterium and Nitrogen-15 labelled Amino Acids are offered by CAMPRO SCIENTIFIC GmbH.
Many of the labelled Amino Acids listed below are currently in stock.

Catalog no.	Compound	Enrichment Atom %
CS01-181_113	DL-Alanine-1-13C,2-d1	99 13C, 98 D
CS01-183_153	DL-Alanine-13C3	99
CS01-185_107	DL-Alanine-15N	98
CS01-182_127	DL-Alanine-2,3,3,3-d4	98
CS01-183_150	DL-Alanine-2,3-13C2	99
CS01-183_145	DL-Alanine-2-13C	99
CS01-181_114	DL-Alanine-2-13C,2-d1	99 13C, 98 D
CS01-181_117	DL-Alanine-2-13C,3,3,3-d3	99 13C, 99.5 D
CS01-182_123	DL-Alanine-2-d1	98
CS01-182_125	DL-Alanine-3,3,3-d3	99
CS01-183_148	DL-Alanine-3-13C	99
CS01-181_115	DL-Alanine-3-13C,2-d1	99 13C, 98 D
CS01-181_118	DL-Alanine-3-13C,3,3,3-d3	99 13C, 99 D
CS01-183_143	L-Alanine-1-13C	99
CS01-181_116	L-Alanine-1-13C,3,3,3-d3	99 13C, 99 D
CS01-186_102	L-Alanine-12C3 (13C-depleted)	99,9
CS01-183_154	L-Alanine-13C3	99
CS01-181_120	L-Alanine-13C3,15N	98 13C, 98 15N
CS01-185_108	L-Alanine-15N	98
CS01-182_128	L-Alanine-2,3,3,3-d4	98
CS01-183_151	L-Alanine-2,3-13C2	99
CS01-183_146	L-Alanine-2-13C	99
CS01-181_119	L-Alanine-2-13C,15N	99 13C, 98 15N
CS01-182_124	L-Alanine-2-d1	98
CS01-182_126	L-Alanine-3,3,3-d3	99
CS01-183_149	L-Alanine-3-13C	99
CS01-20093210	β -Alanine-13C,15N	99 13C, 98 15N
CS01-185-111	β -Alanine-15N	98
CS01-185_150	L-Arginine-(guanidineimino-15N2) hydrochloride	98
CS01-20092546	L-Arginine-1-13C	99
CS03-381_122	L-Arginine-13C,d7,15N4	98 13C, 98 15N, 98 D
CS01-20092548	L-Arginine-13C1 (guanidine-13C)	99
CS01-20092222	L-Arginine-13C6 hydrochloride	99
CS01-181_133	L-Arginine-13C6,15N4 HCl	99 13C, 98 15N



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Catalog no.	Compound	Enrichment Atom %
CS01-20092458	L-Arginine-15N4	96
CS01-185_151	L-Arginine-15N4 hydrochloride	98
CS01-20092557	L-Arginine-5-13C	99
CS01-20096516	L-Arginine-alpha-15N hydrochloride	98
CS03-382_104	L-Arginine-d7	98
CS03-381_104	L-Arginine-d7, 15N4	98 15N, 98 D
CS01-183_196	DL-Aspartic acid-1,4-13C2	99
CS01-183_187	DL-Aspartic acid-1-13C	99
CS04-482_227	DL-Aspartic acid-2,3,3-d3	98
CS01-183_189	DL-Aspartic acid-2-13C	99
CS01-181_137	DL-Aspartic acid-2-13C, 15N	99 13C, 98 15N
CS01-183_191	DL-Aspartic acid-3-13C	99
CS01-183_193	DL-Aspartic acid-4-13C	99
CS01-185_152	L-Asparagine-(amide-15N) monohydrate	99
CS01-185_153	L-Asparagine-(amine-15N) monohydrate	99
CS01-183_185	L-Asparagine-13C4 monohydrate	99
CS01-20096101	L-Asparagine-13C4, 15N2 monohydrate	98 13C, 98 15N
CS01-185_154	L-Asparagine-15N2 monohydrate	99
CS01-181_135	L-Asparagine-15N2, d8 D2O	98 15N, 98 D
CS01-183_185	L-Asparagine-4-13C monohydrate	99
CS03-381_105	L-Asparagine-d3, 15N2	98 15N, 98 D
CS01-20093056	L-Asparagine-d8	97
CS01-183_195	L-Aspartic acid-1,2-13C2	99
CS01-183_188	L-Aspartic acid-1-13C	99
CS01-181_136	L-Aspartic acid-1-13C, 15N	99 13C, 98 15N
CS03-381_123	L-Aspartic Acid-13C, d7, 15N	
CS01-183_198	L-Aspartic acid-13C4	99
CS01-181_139	L-Aspartic acid-13C4, 15N	99 13C, 98 15N
CS01-181_134	L-Aspartic acid-13C4, 15N2	98 13C, 98 15N
CS01-185_158	L-Aspartic acid-15N	98
CS01-20093061	L-Aspartic acid-15N, 2,3,3-d3	98 15N, 98 D
CS01-182_160	L-Aspartic acid-2,3,3-d3	98
CS01-183_190	L-Aspartic acid-2-13C	99
CS01-181_138	L-Aspartic acid-2-13C, 15N	99 13C, 98 15N



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CS01-183_192	L-Aspartic acid-3-13C	99
CS01-183_194	L-Aspartic acid-4-13C	99
CS01-183_197	L-Aspartic-3,4-13C2 acid	99
CS01-183_418	DL-Glutamic acid-1-13C	99
CS01-20092517	DL-Glutamic acid-13C5	99
CS01-20092835	DL-Glutamic acid-2,3,3,4,4-d5	98
CS01-20092800	DL-Glutamic acid-2,4,4-d3	98
CS01-183_420	DL-Glutamic acid-2-13C	99
CS01-182_467	DL-Glutamic acid-3,3-d2	98
CS01-183_422	DL-Glutamic acid-3-13C	99
CS01-183_426	DL-Glutamic acid-5-13C	99
CS01-183_419	L-Glutamic acid-1-13C	99
CS01-183_428	L-Glutamic acid-13C5	99
CS01-181_172	L-Glutamic acid-13C5, 15N	99 13C, 98 15N
CS01-183_427	L-Glutamic acid-13C5, 15N, 2,3,3,4,4-d5	99 13C, 98 15N, 98 D
CS01-20093468	L-Glutamic acid-13C5, 15N, d9	99 13C, 98 15N, 98 D
CS01-20092596	L-Glutamic acid-15N	99
CS01-20093280	L-Glutamic acid-15N, d9	98 15N, 97 D
CS01-182_468	L-Glutamic acid-2,3,3,4,4-d5	98
CS01-183_421	L-Glutamic acid-2-13C	99
CS01-183_423	L-Glutamic acid-3-13C	99
CS01-183_424	L-Glutamic acid-4-13C	99
CS01-185_202	L-Glutamic acid-5-13C	99
CS03-381_107	L-Glutamic acid-d5, 15N	98 15N, 98 D
CS01-185_206	L-Glutamine-(amide-15N)	98
CS01-185_207	L-Glutamine-(amine-15N)	98
CS01-20093212	L-Glutamine-1,2-13C	99
CS01-183_430	L-Glutamine-1-13C	99
CS01-183_434	L-Glutamine-13C5	99
CS01-181_173	L-Glutamine-13C5, 15N2	98 13C, 98 15N
CS01-20093211	L-Glutamine-13C5, 15N2, 2,3,3,4,4-d5	99 13C, 98 15N, 95 D
CS01-20093209	L-Glutamine-13C5, 15N2, d10	98 13C, 98 15N, 96 D
CS01-185_208	L-Glutamine-15N2	98
CS03-381_108	L-Glutamine-15N2, 2,3,3,4,4-d5	98 15N, 98 D



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Catalog no.	Compound	Enrichment Atom %
CS01-181_174	L-Glutamine-15N2,d10	98 15N, 98 D
CS01-182_469	L-Glutamine-2,3,3,4,4-d5	98
CS01183_431	L-Glutamine-2-13C	99
CS01-20093733	L-Glutamine-2-13C-amine-15N	99 13C, 98 15N
CS01-183_432	L-Glutamine-3-13C	99
CS01-20093060	L-Glutamine-4-13C	99
CS01-183_433	L-Glutamine-5-13C	99
CS01-183_447	Glycine-1-13C	99
CS01-181_176	Glycine-1-13C,15N	99 13C, 98 15N
CS01-181_175	Glycine-1-13C,2,2-d2	99 13C, 98 D
CS01-183_449	Glycine-13C2	99
CS01-181_178	Glycine-13C2,15N	99 13C, 98 15N
CS01-20096649	Glycine-13C2,15N,2,2-d2	99 13C, 98 15N, 98 D
CS01-185_210	Glycine-15N	98
CS01-20096650	Glycine-15N,d5	98 15N, 98 D
CS01-182_478	Glycine-2,2-d2	98
CS01-183_448	Glycine-2-13C	99
CS01-181_177	Glycine-2-13C,15N	99 13C, 98 15N
CS01-182_480	Glycine-d5	98
CS01-182_479	Glycine-N,N,O-d3	98
CS03-381_124	L-Glycine-13C,15N,d2	99 13C, 98 15N, 98 D
CS03-381_109	L-Glycine-15N,d2	98 15N, 98 D
CS01-185_216	DL-Histidine-(ring-15N2)	98
CS01-20096651	DL-Histidine-1-13C	99
CS01-183_468	DL-Histidine-1-13C (carboxyl-13C)	99
CS01-185_215	DL-Histidine-2-15N (amine-15N)	98
CS04-482_1236	DL-Histidine-d3	98
CS01-20093472	L-Histidine-13C6 hydrochloride monohydrate	97
CS01-181_188	L-Histidine-13C6,15N3	96 13C, 95 15N
CS01-20096652	L-Histidine-13C6,15N3 hydrochloride monohydrate	98 13C, 98 15N
CS01-20096653	L-Histidine-13C6,15N3,α,β,β,2,5-d5	99 13C, 98 15N, 98 D
CS01-20096666	L-Histidine-13C6,α-amine-15N	99 13C, 98 15N
CS01-185_217	L-Histidine-15N3	95
CS01-20096667	L-Histidine-amine-15N	98



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Catalog no.	Compound	Enrichment Atom %
CS04-482_1287	L-4-Hydroxyphenyl-d4-alanine-2,3,3-d3	98
CS04-482_1285	L-4-Hydroxyphenyl-2,6-d2-alanine-2-d1	98
CS04-482_1284	DL-4-Hydroxyphenyl-2,6-d2-alanine-2-d1	98
CS01-183_522	D-Leucine-1-13C	99
CS01-185_231	D-Leucine-15N	98
CS01-182_546	D-Leucine-2-d1	98
CS01-183_528	DL-Leucine-1,2-13C2	99
CS01-183_523	DL-Leucine-1-13C	99
CS01-185_232	DL-Leucine-15N	98
CS01-182_549	DL-Leucine-2,3,3-d3	98
CS01-183_525	DL-Leucine-2-13C	99
CS01-182_552	DL-Leucine-d10	98
CS01-182_551	DL-Leucine-isopropyl-d7	98
CS01-183_529	L-Leucine-1,2-13C2	99
CS01-183_524	L-Leucine-1-13C	99
CS01-181_199	L-Leucine-1-13C,15N	99 13C, 98 15N
CS01-183_526	L-Leucine-2-13C	99
CS01-185_233	L-Leucine-15N	98
CS01-181_200	L-Leucine-2-13C,15N	99 13C, 98 15N
CS01-182_550	L-Leucine-5,5,5-d3	99
CS01-182_553	L-Leucine-d10	98
CS01-20096669	L-Leucine-2-d1	97
CS01-183_527	L-Leucine-3-13C	99
CS01-181_201	L-Leucine-3-13C,15N	99 13C, 98 15N
CS01-182_547	L-Leucine-3-d1	99
CS01-182_548	L-Leucine-4-d1	99
CS01-20093471	L-Leucine-13C6	98
CS01-181_202	L-Leucine-13C6,15N	98 13C, 98 15N
CS01-20096668	L-Leucine-(isopropyl-d7)	98
CS01-20096670	L-Leucine-13C6,15N,2,3,3,4,5,5,5-d7,4-methyl-d3	99 13C, 98 15N, 98 D
CS01-20096671	L-Leucine-13C6,d10	99 13C, 98 D
CS01-183_540	DL-Lysine-1,2-13C2 dihydrochloride	99
CS01-183_534	DL-Lysine-1-13C dihydrochloride	99
CS01-183_536	DL-Lysine-2-13C dihydrochloride	99



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Catalog no.	Compound	Enrichment Atom %
CS01-182_563	DL-Lysine-3,3,4,4,5,5,6,6-d8 dihydrochloride	98
CS01-182_561	DL-Lysine-4,4,5,5-d4 dihydrochloride	98
CS01-183_538	DL-Lysine-6-13C dihydrochloride	99
CS01-181_204	DL-Lysine-6-13C,ε-15N dihydrochloride	99 13C, 98 15N
CS01-185_238	DL-Lysine-2-15N dihydrochloride	98
CS01-185_236	DL-Lysine-ε-15N dihydrochloride	98
CS01-183_535	L-Lysine-1-13C hydrochloride	99
CS01-183_537	L-Lysine-2-13C hydrochloride	99
CS01-182_562	L-Lysine-4,4,5,5-d4 hydrochloride	98
CS01-183_539	L-Lysine-6-13C hydrochloride	99
CS01-181_205	L-Lysine-6-13C,ε-15N hydrochloride	99 13C, 98 15N
CS01-185_237	L-Lysine-α-15N hydrochloride	98
CS01-185_239	L-Lysine-ε-15N hydrochloride	98
CS01-20096672	L-Lysine-6-13C dihydrochloride	99
CS01-20096673	L-Lysine-3,3,4,4,5,5,6,6-d8 hydrochloride	98
CS01-20096608	L-Lysine-2-15N dihydrochloride	98
CS01-181_206	L-Lysine-13C6,15N2 hydrochloride	99 13C, 99 15N
CS01-20096674	L-Lysine-13C6 hydrochloride	99
CS01-185_240	L-Lysine-15N2 hydrochloride	98
CS01-20096675	L-Lysine-13C6,15N2,2,3,3,4,4,5,5,6,6-d9 monohydrochloride	99 13C, 98 15N, 98 D
CS04-482_1367	DL-Lysine-2,3,3,4,4,5,5,6,6-d9 dihydrochloride	98
CS01-183_558	DL-Methionine-1-13C	99
CS01-185_244	DL-Methionine-15N	98
CS01-182_577	DL-Methionine-2-d1	98
CS04-482_1380	DL-Methionine-3,3,4,4-d4	98
CS01-182_580	DL-Methionine-d3 (methyl-d3)	98
CS01-183_561	D-Methionine-(methyl-13C)	99
CS01-182_579	D-Methionine-d3 (methyl-d3)	98
CS01-181_210	L-Methionine-(carboxy-13C,methyl-d3)	99 13C, 99 D
CS01-183_562	L-Methionine-(methyl-13C)	99
CS01-20096676	L-Methionine-(methyl-13C,d1)	99 13C, 98 D
CS01-20096677	L-Methionine-(methyl-13C,d2)	98 13C, 98 D
CS01-181_209	L-Methionine-(methyl-13C,d3)	99 13C, 99 D
CS01-182_581	L-Methionine-(methyl-d3)	98



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Catalog no.	Compound	Enrichment Atom %
CS01-183_559	L-Methionine-1-13C	99
CS01-181_212	L-Methionine-13C5,15N	98 13C, 98 15N
CS01-20096678	L-Methionine-13C5,15N,2,3,3,4,4-d5-(methyl-d3)	99 13C, 98 15N, 98 D
CS01-185_245	L-Methionine-15N	98
CS01-183_560	L-Methionine-2-13C	99
CS01-181_211	L-Methionine-2-13C,15N	99 13C, 98 15N
CS01-182_578	L-Methionine-2-d1	98
CS03-20094936	L-Methionine-5-13C, 2,3,3,4,4-D5	99 13C, 98 D
CS03-381_114	L-Methionine-d8,15N	98 15N, 98 D
CS01-20096682	DL-Phenyl-13C6,d5-alanine	99 13C, 98 D
CS01-183_672	DL-Phenyl-13C6-alanine	99
CS01-183_664	DL-Phenylalanine-1-13C	99
CS01-185_266	DL-Phenylalanine-15N	98
CS01-183_667	DL-Phenylalanine-2-13C	99
CS04-482_2786	DL-Phenylalanine-2-d1	98
CS01-182_688	DL-Phenylalanine-3,3-d2	98
CS01-183_669	DL-Phenylalanine-3-13C	99
CS01-182_690	DL-Phenyl-d5-alanine	98
CS01-182_692	DL-Phenyl-d5-alanine-2,3,3-d3	98
CS04-482_2788	DL-Phenyl-d5-alanine-3,3-d2	
CS01-20096679	D-Phenylalanine-13C9,15N	98 13C, 98 15N
CS01-183_671	L-Phenyl-1-13C-alanine	99
CS01-20096680	L-Phenyl-13C6-alanine	99
CS01-20092518	L-Phenylalanine-1,2,3-13C3	99
CS01-183_665	L-Phenylalanine-1-13C	99
CS01-20092519	L-Phenylalanine-13C9	98
CS01-181_227	L-Phenylalanine-13C9,15N	98 13C, 98 15N
CS01-20096681	L-Phenylalanine-13C9,15N, α , β , β ,2,3,4,5,6-d8	99 13C, 98 15N, 99 D
CS01-185_267	L-Phenylalanine-15N	98
CS01-183_668	L-Phenylalanine-2-13C	99
CS01-182_687	L-Phenylalanine-2-d1	98
CS01-182_689	L-Phenylalanine-3,3-d2	98
CS01-183_670	L-Phenylalanine-3-13C	99
CS03-381_115	L-Phenylalanine-d8,15N	98 15N, 98 D



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CS01-182_691	L-Phenyl-d5-alanine	98
CS01-182_693	L-Phenyl-d5-alanine-2,3,3-d3	98
CS01-183_700	DL-Proline-1-13C	99
CS01-182_714	DL-Proline-2-d1	98
CS01-183_702	DL-Proline-4-13C	99
CS01-20096683	D-Proline-1-13C	99
CS01-183_701	L-Proline-1-13C	99
CS01-20092817	L-Proline-13C5	99
CS01-181_232	L-Proline-13C5,15N	98 13C, 98 15N
CS01-20092820	L-Proline-13C5,15N,2,3,3,4,4,5,5-d7	98 13C, 98 15N, 98 D
CS01-185_279	L-Proline-15N	98
CS04-482_2857	L-Proline-2,3,3,4,4,5,5-d7	97-98
CS01-20096684	L-Proline-2,5,5-d3	98
CS03-381_116	L-Proline-d7,15N	98 15N, 98 D
CS01-183_719	DL-Selenomethionine-(methyl-13C)	99
CS01-183_720	DL-Serine-1-13C	99
CS01-185_284	DL-Serine-15N	98
CS01-20096685	DL-Serine-2,3,3-d3	98
CS01-183_723	DL-Serine-3-13C	99
CS01-20096686	L-Selenomethionine-(methyl-13C)	99
CS01-183_725	L-Serine-1,2-13C2	99
CS01-183_721	L-Serine-1-13C	99
CS01-20092442	L-Serine-13C3	98
CS01-181_235	L-Serine-13C3,15N	98 13C, 98 15N
CS01-20096687	L-Serine-13C3,15N,2,3,3-d3	99 13C, 98 15N, 99 D
CS01-185_285	L-Serine-15N	98
CS03-20093059	L-Serine-2,3,3-d3	98
CS01-183_726	L-Serine-2,3-13C2	99
CS01-183_722	L-Serine-2-13C	99
CS01-181_234	L-Serine-2-13C,15N	99 13C, 98 15N
CS01-183_724	L-Serine-3-13C	99
CS03-382_106	L-Serine-d3	98
CS03-381_117	L-Serine-d3,15N	98 15N, 98 D
CS04-482_2962	L-Serine-d7	98



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Catalog no.	Compound	Enrichment Atom %
CS01-183_785	L-Threonine-1-13C	99
CS01-20092223	L-Threonine-13C4	99
CS01-181_246	L-Threonine-13C4,15N	98 13C, 98 15N
CS01-20096688	L-Threonine-13C4,15N,2,3,4,4,4-d5	98 13C, 98 15N, 98 D
CS01-185_297	L-Threonine-15N	98
CS01-20096689	L-Threonine-2,3,4,4,4-d5	98
CS04-482_3079	L-Threonine-2,3-d2	98
CS03-20094937	L-Threonine-4-13C, 2,3-d2	97 13C, 98 D
CS03-381_118	L-Threonine-d5,15N	98
CS04-482_3181	DL-Tryptophan-2,3,3-d3	98
CS01-183_802	DL-Tryptophan-2-13C	99
CS04-482_3182	DL-Tryptophan-d8	98
CS01-20096690	L-Tryptophan-(amino-15N)	99
CS01-20096691	L-Tryptophan-(indole ring-2-13C)	98
CS01-182_809	L-Tryptophan-(indole-d5)	97
CS01-20096692	L-Tryptophan-1-13C	99
CS01-181_248	L-Tryptophan-13C11,15N2	97 13C, 95 15N
CS01-20096693	L-Tryptophan-13C11,15N2,α,β,β,2,4,5,6,7-d8	97 13C, 97 15N, 97 D
CS01-185_301	L-Tryptophan-15N2	95
CS04-20093731	L-Tryptophan-2,3,3-d3	98
CS03-381_119	L-Tryptophan-d8,15N	98 15N, 98 D
CS01-183_485	DL-Tyrosine-1-13C	99
CS01-185_222	DL-Tyrosine-15N	98
CS01-183_487	DL-Tyrosine-2-13C	99
CS01-183_489	DL-Tyrosine-3-13C	98
CS01-187_106	L-Tyrosine-(4-hydroxy-17O)	40
CS01-188_113	L-Tyrosine-(4-hydroxy-18O)	95
CS01-183_493	L-Tyrosine-(phenyl-13C6)	99
CS01-182_511	L-Tyrosine-(phenyl-3,5-d2)	98
CS01-183_491	L-Tyrosine-(phenyl-4-13C)	99
CS01-182_512	L-Tyrosine-(phenyl-d4)	98
CS01-183_492	L-Tyrosine-1,2,3-13C3	99
CS01-183_486	L-Tyrosine-1-13C	99
CS01-183_494	L-Tyrosine-13C9	98



Stable Isotope Labelled Amino Acids

A full line of stable isotope compounds, including Carbon-13, Deuterium and Nitrogen-15 labelled Amino Acids are offered by CAMPRO SCIENTIFIC GmbH.
Many of the labelled Amino Acids listed below are currently in stock.

Catalog no.	Compound	Enrichment Atom %
CS01-181_190	L-Tyrosine-13C9,15N	98 13C, 98 15N
CS01-20096694	L-Tyrosine-13C9,15N, $\alpha,\beta,\beta,2,3,5,6$ -d7	99 13C, 98 15N, 98 D
CS01-185_223	L-Tyrosine-15N	98
CS01-182_509	L-Tyrosine-2,6-d2	98
CS01-183_488	L-Tyrosine-2-13C	97
CS01-181_189	L-Tyrosine-2-13C,15N	99 13C, 98 15N
CS01-182_510	L-Tyrosine-3,3-d2	98
CS01-183_490	L-Tyrosine-3-13C	99
CS03-381_120	L-Tyrosine-d7,15N	98 15N, 98 D
CS01-183_807	DL-Valine-1-13C	99
CS01-185_308	DL-Valine-15N	98
CS01-183_809	DL-Valine-2-13C	99
CS01-182_813	DL-Valine-2-d1	98
CS01-182_814	DL-Valine-d8	98
CS01-20096695	D-Valine-d8	98
CS01-183_808	L-Valine-1-13C	99
CS01-20094615	L-Valine-13C5	99
CS01-181_252	L-Valine-13C5,15N	98 13C, 98 15N
CS01-20096696	L-Valine-13C5,15N,2,3,4,4,4-d5-(4-methyl-d3)	99 13C, 98 15N, 98 D
CS01-185_309	L-Valine-15N	99
CS01-183_810	L-Valine-2-13C	99
CS04-482_3199	L-Valine-2-d1	98
CS01-182_815	L-Valine-d8	98
CS03-381_121	L-Valine-d8,15N	98 15N, 98 D



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