

## Protected Amino Acids, including N-FMOC, N-t-BOC and CBZ (1)

CAMPRO SCIENTIFIC GmbH offers a wide variety of "blocked" Amino Acids to facilitate peptide synthesis. Many of the protected Amino Acids listed below are currently in stock.

Catalog no.	Compound	Enrichment Atom %
49 288-4	L-Alanine- <sup>12</sup> C <sub>3</sub> , N-t-BOC Derivative ( <sup>13</sup> C-depleted)	99,9
48 676-0	L-Alanine-1- <sup>13</sup> C, N-t-BOC Derivative	99
60 507-7	L-Alanine-2- <sup>13</sup> C, N-t-BOC Derivative	99
60 505-0	D-Alanine-3- <sup>13</sup> C, N-t-BOC Derivative	99
49 289-2	L-Alanine-3- <sup>13</sup> C, N-t-BOC Derivative	99
58 674-9	L-Alanine- <sup>13</sup> C <sub>3</sub> , N-t-BOC Derivative	99
48 678-9	L-Alanine-3,3,3-d <sub>3</sub> , N-t-BOC Derivative	99
48 991-3	L-Alanine- <sup>15</sup> N, N-t-BOC Derivative	98
60 344-9	L-Alanine-2- <sup>13</sup> C, <sup>15</sup> N, N-t-BOC Derivative	99 <sup>13</sup> C, 98 <sup>15</sup> N
48 583-7	L-Alanine- <sup>13</sup> C <sub>3</sub> , <sup>15</sup> N, N-t-BOC Derivative	99 <sup>13</sup> C, 98 <sup>15</sup> N
48 123-58	L-Alanine-1- <sup>13</sup> C, N-FMOC Derivative	99
60 515-8	L-Alanine-2- <sup>13</sup> C, N-FMOC Derivative	99
48 995-6	L-Alanine-3- <sup>13</sup> C, N-FMOC Derivative	99
60 513-1	L-Alanine- <sup>13</sup> C <sub>3</sub> , N-FMOC Derivative	99
48 588-8	L-Alanine-3,3,3-d <sub>3</sub> , N-FMOC Derivative	99
48 990-5	L-Alanine- <sup>15</sup> N, N-FMOC Derivative	98
57 978-5	L-Asparagine- <sup>15</sup> N <sub>1</sub> (amine- <sup>15</sup> N), α-N-t-BOC Derivative	98
60 913-7	L-Asparagine- <sup>15</sup> N <sub>1</sub> (amine- <sup>15</sup> N), α-N-FMOC Derivative	98
57 989-0	L-Asparagine- <sup>15</sup> N <sub>2</sub> , α-N-FMOC Derivative	98
61 606-0	L-Aspartic-2,3,4-d <sub>3</sub> Acid, N-Acetyl Derivative	98
60 910-2	L-Aspartic- <sup>15</sup> N Acid, β-Benzylester Derivative	98
58 618-8	L-Aspartic-3- <sup>13</sup> C Acid, N-t-BOC Derivative	99
58 640-4	L-Aspartic-4- <sup>13</sup> C Acid, N-t-BOC Derivative	99
58 879-2	L-Aspartic- <sup>15</sup> N Acid, N-t-BOC Derivative	99
58 862-8	L-Aspartic Acid-1- <sup>13</sup> C, N-FMOC Derivative	99
58 863-6	L-Aspartic-2- <sup>13</sup> C Acid, N-FMOC Derivative	99
49 290-6	L-Aspartic- <sup>15</sup> N Acid, N-FMOC Derivative	99

Protected Amino Acids, including  
**N-FMOC, N-t-BOC and CBZ (2)**

Catalog no.	Compound	Enrichment Atom %
58 768-0	L-Glutamic Acid-1- <sup>13</sup> C, N-t-BOC Derivative	99
58 769-9	L-Glutamic- <sup>15</sup> N Acid, N-t-BOC Derivative	98
49 000-8	L-Glutamic- <sup>15</sup> N Acid, N-FMOC Derivative	98
60 915-3	L-Glutamic- <sup>15</sup> N Acid, N-FMOC, γ-O-t-Butyl Ester Derivative	98
58 770-2	L-Glutamic- <sup>15</sup> N <sub>2</sub> , α-N-t-BOC Derivative	98
48 669-8	Glycine-1- <sup>13</sup> C, N-t-BOC Derivative	99
48 578-0	Glycine-2- <sup>13</sup> C, N-t-BOC Derivative	99
60 499-2	Glycine- <sup>13</sup> C <sub>2</sub> , N-t-BOC Derivative	99
58 771-0	Glycine-2,2-d <sub>2</sub> , N-t-BOC Derivative	98
48 670-1	Glycine- <sup>15</sup> N, N-t-BOC Derivative	98
58 772-9	Glycine-1- <sup>13</sup> C, <sup>15</sup> N, N-t-BOC Derivative	99 <sup>13</sup> C, 98 <sup>15</sup> N
48 955-7	Glycine-2- <sup>13</sup> C, <sup>15</sup> N, N-t-BOC Derivative	99 <sup>13</sup> C, 98 <sup>15</sup> N
58 773-7	Glycine- <sup>13</sup> C <sub>2</sub> , <sup>15</sup> N, N-t-BOC Derivative	99 <sup>13</sup> C, 98 <sup>15</sup> N
60 518-2	Glycine-1- <sup>13</sup> C, N-FMOC Derivative	99
48 954-9	Glycine-2- <sup>13</sup> C, N-FMOC Derivative	99
58 774-5	Glycine- <sup>13</sup> C <sub>2</sub> , N-FMOC Derivative	99
48 577-2	Glycine-2,2-d <sub>2</sub> , N-FMOC Derivative	98
48 575-6	Glycine- <sup>15</sup> N, N-FMOC Derivative	98
49 269-8	Glycine-1- <sup>13</sup> C, <sup>15</sup> N, N-FMOC Derivative	99 <sup>13</sup> C, 98 <sup>15</sup> N
60 345-7	Glycine-2- <sup>13</sup> C, <sup>15</sup> N, N-FMOC Derivative	99 <sup>13</sup> C, 98 <sup>15</sup> N
48 953-0	Glycine- <sup>13</sup> C <sub>2</sub> , <sup>15</sup> N, N-FMOC Derivative	99 <sup>13</sup> C, 98 <sup>15</sup> N
59 109-2	L-4-Hydroxyphenylalanine- <sup>15</sup> N, N-t-BOC Derivative	98
48 594-2	L-Leucine-1- <sup>13</sup> C, N-t-BOC Derivative • H <sub>2</sub> O	99
49 293-0	L-Leucine- <sup>15</sup> N, N-t-BOC Derivative • H <sub>2</sub> O	98
61 590-0	L-Leucine-5,5,5-d <sub>3</sub> , N-t-BOC Derivative • H <sub>2</sub> O	99
58 923-3	L-Leucine-2- <sup>13</sup> C, <sup>15</sup> N, N-t-BOC Derivative • H <sub>2</sub> O	99 <sup>13</sup> C, 98 <sup>15</sup> N
48 593-4	Leucine-1- <sup>13</sup> C, N-FMOC Derivative	99
48 595-0	Leucine- <sup>15</sup> N, N-FMOC Derivative	98
49 007-5	L-Lysine-ε- <sup>15</sup> N, α-N-t-BOC, ε-N-CBZ Derivative	98

Protected Amino Acids, including  
**N-FMOC, N-t-BOC and CBZ (3)**

Catalog no.	Compound	Enrichment Atom %
58 984-5	L-Methionine-1- <sup>13</sup> C, N-t-BOC Derivative	99
58 985-3	L-Methionine- <sup>13</sup> C <sub>1</sub> (methyl- <sup>13</sup> C), N-t-BOC Derivative	99
58983-7	L-Methionine- <sup>15</sup> N, N-Acetyl Derivative	98
60 511-5	L-Methionine-1- <sup>13</sup> C, N-FMOC Derivative	99
49 295-7	L-Phenylalanine, N-t-BOC- <sup>13</sup> C <sub>1</sub> (carbonyl- <sup>13</sup> C) Derivative	99
48 596-9	L-Phenylalanine-1- <sup>13</sup> C, N-t-BOC Derivative	99
49 297-3	L-Phenylalanine-3- <sup>13</sup> C, N-t-BOC Derivative	99
T83-12350	L-Phenyl-1- <sup>13</sup> C-alanine, N-t-BOC Derivative	99
48 597-7	L-Phenyl-d <sub>5</sub> -alanine-2-3,3-d <sub>3</sub> , N-t-BOC Derivative	98
58 955-1	L-Phenyl-d <sub>5</sub> -alanine, N-t-BOC Derivative	98
48 683-3	L-Phenylalanine <sup>15</sup> N, N-t-BOC Derivative	98
49 296-5	L-Phenylalanine-2- <sup>13</sup> C, N-FMOC Derivative	99
60 907-2	L-Phenylalanine <sup>15</sup> N, N-FMOC Derivative	98
T85-12275	L-Proline- <sup>15</sup> N, N-FMOC Derivative	99
60 497-6	L-Valine-1- <sup>13</sup> C, N-t-BOC Derivative	99
48 601-9	L-Valine- <sup>15</sup> N, N-t-BOC Derivative	99
48 599-3	L-Valine-1- <sup>13</sup> C, N-FMOC Derivative	99
48 600-0	L-Valine- <sup>15</sup> N, N-FMOC Derivative	99