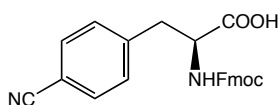


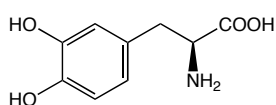
Phenylalanines

Unnatural amino acids are useful building blocks in drug discovery and are frequently found in pharmaceutical, drug candidates and other molecular functional materials. A number of new phenyl alanines derivatives are now available through Alfa Aesar, now part of Thermo Fisher Scientific, and have already been extensively cited in scientific literature.

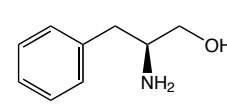
4-Cyano-N-Fmoc-L-phenylalanine (H52067) was used to create novel amino acids incorporating both acidic and aromatic features¹, while *Pearson et al.*, used it in a series of multi-step reactions to prepare peptides in order to study the chemical and biological effects of platelet aggregation.² We have expanded our comprehensive range of Boc and Fmoc protected phenylalanine derivatives.

**H52067**

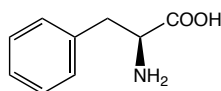
4-Cyano-N-Fmoc-L-phenylalanine, 95%
[173963-93-4]

**A11311**

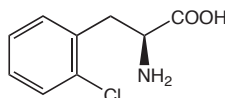
3,4-Dihydroxy-L-phenylalanine, 98+%
[59-92-7]

**A11586**

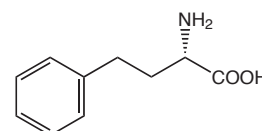
L-Phenylalaninol, 98%
[3182-95-4]

**A13238**

L-Phenylalanine, 99%
[63-91-2]

**H27135**

2-Chloro-L-phenylalanine, 98+%
[103616-89-3]

**H27295**

L-Homophenylalanine, 98%
[943-73-7]

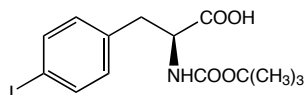
References

1. McMurray, J. S.; Khabashesku, O.; Birtwistle, J. S. & Wang, W. *Tetra. Lett.* **2000**, 41, 6555.
2. Pearson, D. A.; *et al.*, *J. Med. Chem.* **1996**, 39, 1372.

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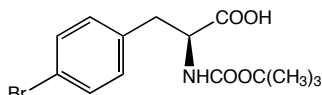
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Phenylalanines



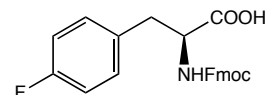
H51960

N-Boc-4-iodo-L-phenylalanine, 98%
[62129-44-6]



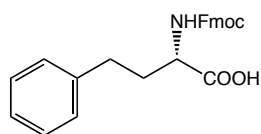
H51969

N-Boc-4-bromo-L-phenylalanine, 98%
[62129-39-9]



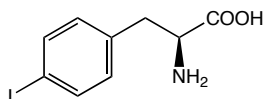
H51972

4-Fluoro-N-Fmoc-L-phenylalanine, 95%
[169243-86-1]



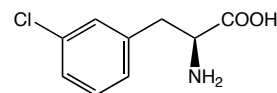
H51973

N-Fmoc-L-homophenylalanine, 95%
[132684-59-4]



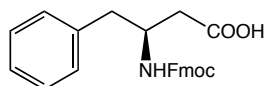
H51979

4-Iodo-L-phenylalanine, 95%
[24250-85-9]



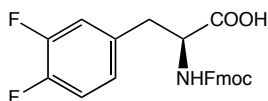
H52018

3-Chloro-L-phenylalanine, 95%
[80126-51-8]



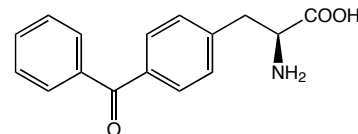
H52052

N-Fmoc-L-beta-homophenylalanine, 95%
[193954-28-8]



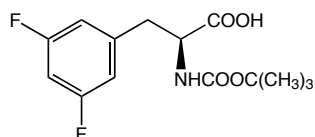
H52057

3,4-Difluoro-N-Fmoc-L-phenylalanine, 95%
[198560-43-9]



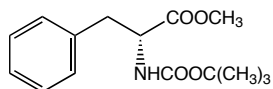
H52083

4-Benzoyl-L-phenylalanine, 95%
[104504-45-2]



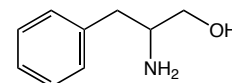
H62216

N-Boc-3,5-difluoro-L-phenyl-Alanine, 95%
[205445-52-9]



H63466

N-Boc-D-phenylalanine methylester, 98%
[77119-84-7]



H63562

DL-Phenylalaninol, 96%
[16088-07-6]

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