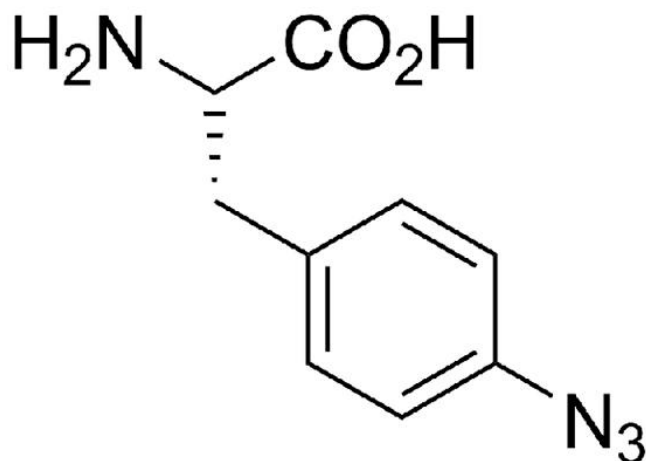


4-AZIDO-L-PHENYLALANINE

SKU: CCT-1406



Description

4-Azido-L-phenylalanine is an unnatural derivative of L-phenylalanine that can be incorporated by recombinant methods into proteins allowing site-specific modification, e.g. by 'click chemistry', Staudinger reaction, or by UV-irradiation at 254 nm. The azido-modified protein can be detected with either fluorescent alkyne or biotin alkyne. Detection sensitivity with these reagents in 1-D gels and Western blots is in the low femtomole range and compatible with downstream LC-MSMS and MALDI MS analysis.

Specifications

Unit Size	1 g, 5 g, 25 g
Molecular weight	206.20
Chemical composition	C ₉ H ₁₀ N ₄ O ₂
CAS	33173-53-4
Solubility	Water, DMSO, DMF
Purity	>95% (H NMR)
Appearance	Off-white to slightly grey crystalline
Storage Conditions	-20°C.

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

Shipping Conditions

Ambient temperature

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