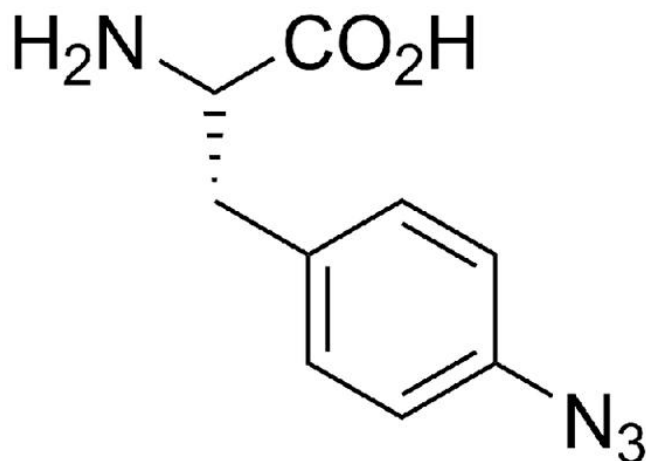




## 4-AZIDO-L-PHENYLALANINE

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

<b>CAS Number</b>	33173-53-4
<b>Molecular Weight</b>	242.66
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>11</sub> N <sub>3</sub> O <sub>2</sub>
<b>Appearance</b>	Off-white to slightly grey crystalline
<b>Chemical Formula</b>	C <sub>9</sub> H <sub>11</sub> N <sub>3</sub> O <sub>2</sub>

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

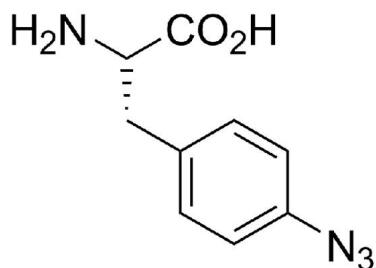


<b>Purity</b>	>95% (H NMR)
<b>Unit Size</b>	1 g, 5 g, 25 g
<b>Solubility</b>	Water, DMSO, DMF
<b>Storage Instructions</b>	-20°C.
<b>Shipping Conditions</b>	Ambient temperature
<b>Shipping Instructions</b>	Ambient temperature

## DOCUMENTS

- [Safety Data Sheet](#)
- [Download CoA](#)
- [Datasheet](#)

## GALLERY IMAGES



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