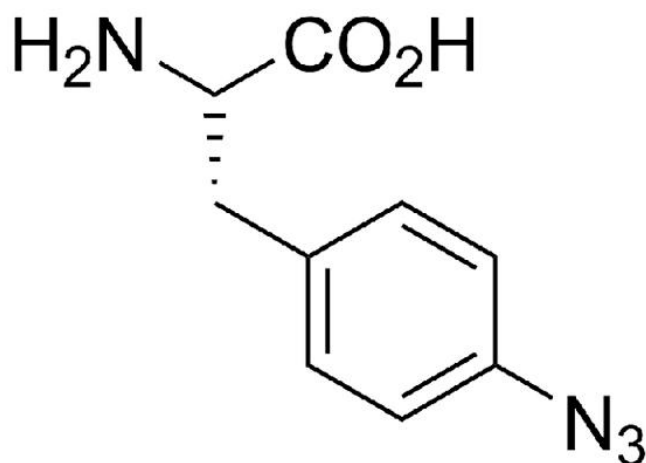




## 4-AZIDO-L-PHENYALANINE

**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> CIN <sub>4</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> CIN <sub>4</sub> O <sub>2</sub> |

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

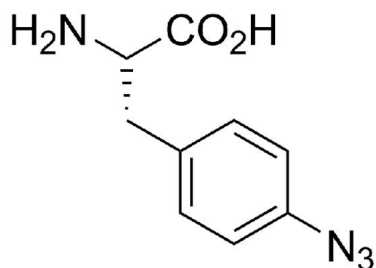


|                              |                     |
|------------------------------|---------------------|
| <b>Purity</b>                | >95% (H NMR)        |
| <b>Unit Size</b>             | 1 g, 5 g, 25 g      |
| <b>Solubility</b>            | Water, DMSO, DMF    |
| <b>Storage Instructions</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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