

4-Azido-L-phenylalanine

Catalog No: tcsc3640



Available Sizes

Size: 100mg

Size: 500mg



Specifications

CAS No:

33173-53-4

Formula:

$C_9H_{10}N_4O_2$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

DMSO : 6 mg/mL (29.10 mM; ultrasonic and adjust pH to 6 with HCl); H₂O : 6.2 mg/mL (30.07 mM; ultrasonic and adjust pH to 6 with HCl)

Alternative Names:

p-Azidophenylalanine;p-Azido-L-phenylalanine

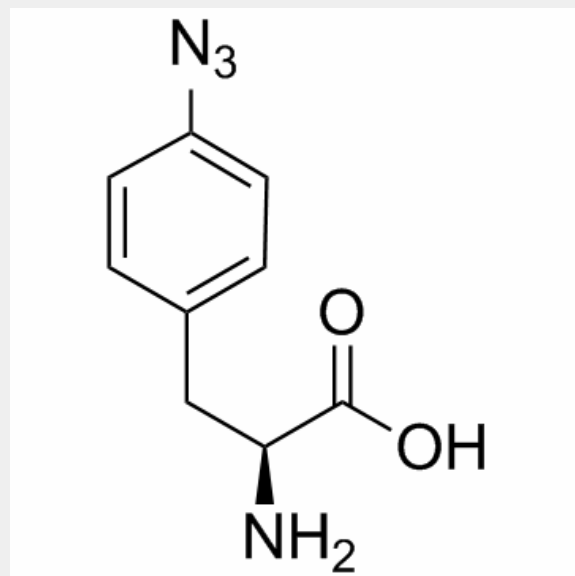
Observed Molecular Weight:

206.2

Product Description

4-Azido-L-phenylalanine is an unnatural amino acid, which is used as an effective vibrational reporter of local protein environments.

In Vitro: In cell-free protein synthesis (CFPS) method, 0.9-1.7 mg/mL of modified soluble super-folder green fluorescent protein (sfGFP) containing either 4-Azido-L-phenylalanine or p-propargyloxy-L-phenylalanine (pPaF) accumulate in the CFPS solutions^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!