

4-Azido-L-phenylalanine (hydrochloride)

Catalog No: tcsc3641



Available Sizes

Size: 100mg

Size: 500mg



Specifications

CAS No:

34670-43-4

Formula:

$C_9H_{11}ClN_4O_2$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 103.3 mg/mL (425.70 mM)

Alternative Names:

p-Azidophenylalanine hydrochloride;p-Azido-L-phenylalanine hydrochloride

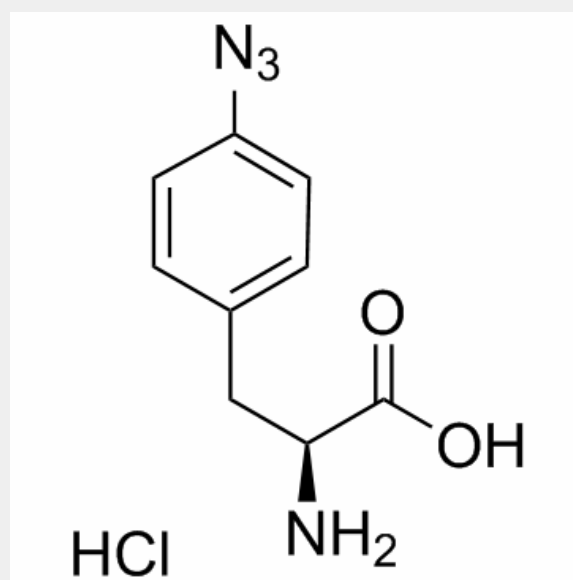
Observed Molecular Weight:

242.66

Product Description

4-Azido-L-phenylalanine hydrochloride 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!