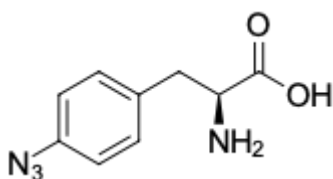


## 4AZP (4-Azido-L-phenylalanine)

<http://cn.lumiprobe.com/p/4-azido-l-phenylalanine>

4-Azido-L-phenylalanine (4AZP) is an unnatural amino acid analog of L-phenylalanine that contains an azide moiety. 4AZP-labeling is a fast, sensitive, and non-radioactive alternative to the traditional technique for detecting nascent protein synthesis.

4AZP is randomly incorporated into synthesizing protein instead of phenylalanine during translation. The resulting azide-labeled full-length proteins can be detected via copper-catalyzed click reaction (with [fluorescent](#) or [biotin-labeled](#) alkynes) or copper-free click reaction (with [cycloalkynes](#)) and used for subsequent microscopic imaging or purification tasks.



外观: 灰白色固体

分子量: 206.20

CAS 编号: 33173-53-4

分子式:  $C_9H_{10}N_4O_2$

IUPAC 名称: (2S)-2-Amino-3-(4-azidophenyl)propanoic acid hydrochloride

溶解度: 水、DMSO、DMF

质量控制: NMR  $^1H$  和 HPLC-MS (95+%)

储存条件: 收到后 -20°C 避光保存 24 个月。运输: 室温下最多可保存3周。干燥。

法律声明: