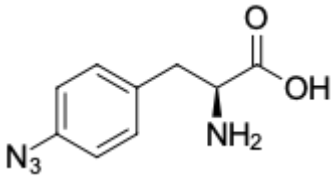


4AZP (4-Azido-L-phenylalanine)

<http://hk.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: 灰白色固體

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: 收到後 -20°C 避光保存 24 個月。運輸: 室溫最多可保存3週。乾燥。

法律声明: