

3-Azidopropylamine

<http://hk.lumiprobe.com/p/3-azidopropylamine-88192-19-2>

Azidopropylamine is a water-soluble, short bifunctional crosslinker with azide and amine groups. The primary amine group possesses high reactivity towards activated ester derivatives (NHS, etc.). The azide group can be coupled with alkynes via copper-catalyzed click reaction (CuAAC). Both reactions are orthogonal and can be carried out independently.

Azidopropylamine is used to introduce an azide fragment into molecules containing carboxyl groups by activating them with carbodiimide and their further interaction with the amine group of azidopropylamine. Azidopropylamine can also be used in peptide synthesis to modify peptides with activated HBTU and HOBT carboxyl groups.

A chemically stable solid [hydrochloride form of azidopropylamine](#) is also available. It is ideal as an azidopropylamine bulk for applications when a large amount of reagent is needed.

外观:

分子量: 100.12

CAS 编号: 88192-19-2

分子式: $C_3H_8N_4$

IUPAC 名称: 3-Azido-1-propanamine

溶解度:

质量控制:

储存条件:

法律声明: 本產品僅供研究目的提供和銷售。本產品並未經過食品、藥品、醫療器械、化妝品等領域的安全性和效力測試，且未經明示或暗示授權用於其他任何用途，包括但不限於體外診斷、人類或動物用途，以及商業用途。