

3-Azidopropylamine

<http://cn.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

量:

CAS 88192-19-2

编号:

分子式: $C_3H_8N_4$

式:

IUPAC 3-Azido-1-propanamine

名称:

溶解

度:

质量

控制:

储存

条件:

法律声明: 本产品仅供研究目的提供和销售。本产品并未经过食品、药品、医疗器械、化妆品等领域的安全性和效力测试, 且未经明示或暗示授权用于其他任何用途, 包括但不限于体外诊断、人类或动物用途, 以及商业用途。