

3-Azidopropanol

<http://www.lumiprobe.com/p/azidopropanol-72320-38-8>

Azidopropanol is a bifunctional synthone carrying azide and hydroxyl groups. It can be used for the click chemistry or Staudinger ligation involving its azide group.

Hydroxyl group can be functionalized in a non-aqueous environment by means of reaction with CDI and subsequent coupling with amines producing carbamates.

General properties

Appearance: colorless liquid

Molecular weight: 101.11

CAS number: 72320-38-8

Molecular formula: C₃H₇N₃O

IUPAC name: 3-azidopropanol-1

Solubility: miscible with water and polar organic solvents

Quality control: NMR ¹H, HPLC-MS (95%)

Storage conditions: Storage: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. Desiccate.

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