

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:	C ₃ H ₇ N ₃ O
IUPAC name:	3-azidopropanol-1
Solubility:	miscible with water and polar organic solvents
Quality control:	NMR ¹ H, 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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