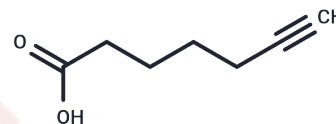


6-Heptynoic acid

Chemical Properties

CAS No. : 30964-00-2
 Formula: C₇H₁₀O₂
 Molecular Weight: 126.153
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	6-Heptynoic acid (Hept-6-ynoic acid) is a reagent that features both an alkyne group and a carboxylic acid group. The terminal carboxylic acid can form an amide bond with primary amines, requiring activation. The alkyne can participate in copper-catalyzed reactions to form triazole bonds with azide-containing molecules.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.9271 mL	39.6354 mL	79.2707 mL
5 mM	1.5854 mL	7.9271 mL	15.8541 mL
10 mM	0.7927 mL	3.9635 mL	7.9271 mL
50 mM	0.1585 mL	0.7927 mL	1.5854 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481