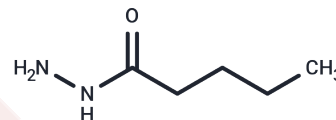


Pentanehydrazide

Chemical Properties

CAS No. : 38291-82-6
 Formula: C₅H₁₂N₂O
 Molecular Weight: 116.162
 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	Pentanehydrazide (Valeric acid hydrazide) is a biochemical reagent that serves as an effective alkylating agent in tandem acylation reactions, particularly within copper-catalyzed oxidative cyclization of N-aryl acrylamides.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.6088 mL	43.0441 mL	86.0882 mL
5 mM	1.7218 mL	8.6088 mL	17.2176 mL
10 mM	0.8609 mL	4.3044 mL	8.6088 mL
50 mM	0.1722 mL	0.8609 mL	1.7218 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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