

Propyl propanoate

Chemical Properties

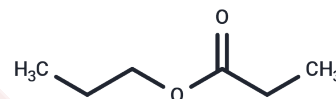
CAS No. : 106-36-5

Formula: C₆H₁₂O₂

Molecular Weight: 116.16

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Propyl propanoate is an ester compound applicable in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

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.

Reference

Jiang Z, et al. Lipase-catalyzed synthesis of aliphatic poly (carbonate-co-esters). *Macromolecules*, 41(13), 4671-4680 (2008)

Povarov VG, Keresten AA. Propyl propionate methanolysis kinetics: experiment and modeling. *J Phys Chem A*. 2013 Sep 26;117(38):9115-9.

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