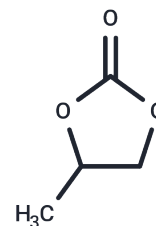


Propylene carbonate

Chemical Properties

CAS No. :	108-32-7
Formula:	C ₄ H ₆ O ₃
Molecular Weight:	102.09
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	Propylene carbonate is a commonly used polar non-protonic solvent and is widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.7953 mL	48.9764 mL	97.9528 mL
5 mM	1.9591 mL	9.7953 mL	19.5906 mL
10 mM	0.9795 mL	4.8976 mL	9.7953 mL
50 mM	0.1959 mL	0.9795 mL	1.9591 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

Arjunan V, et al. FTIR, FT-Raman, ab initio and density functional studies on 4-methyl-1,3-dioxolan-2-one and 4,5-dichloro-1,3-dioxolan-2-one. Spectrochim Acta A Mol Biomol Spectrosc. 2010 Sep 15;77(1):28-35.

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