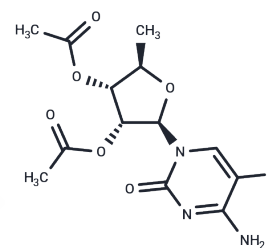


2',3'-Di-O-acetyl-5'-deoxy-5-fluorocytidine

Chemical Properties

CAS No. :	161599-46-8
Formula:	C ₁₃ H ₁₆ FN ₃ O ₆
Molecular Weight:	329.28
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	2',3'-Di-O-acetyl-5'-deoxy-5-fluoro-D-cytidine is a derivative of capecitabine.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMSO: 45 mg/mL (136.66 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0369 mL	15.1846 mL	30.3693 mL
5 mM	0.6074 mL	3.0369 mL	6.0739 mL
10 mM	0.3037 mL	1.5185 mL	3.0369 mL
50 mM	0.0607 mL	0.3037 mL	0.6074 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

Murakami Y, et al. Discovering novel direct acting antiviral agents for HBV using in silico screening. Biochem Biophys Res Commun. 2015 Jan 2;456(1):20-8.

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