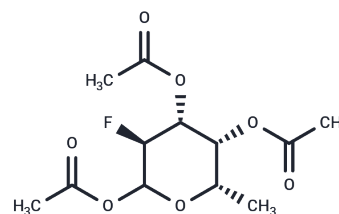


2F-Peracetyl-Fucose

Chemical Properties

CAS No. :	188783-78-0
Formula:	C ₁₂ H ₁₇ FO ₇
Molecular Weight:	292.26
Appearance:	no data available
Storage:	store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	2F-Peracetyl-Fucose (1,3,4-Tri-O-acetyl-2-deoxy-2-fluoro-L-fucopyranos) is a potent fucosyltransferase (FUT) inhibitor that inhibits salivary acidification and fucosylation in an in vitro inflammatory model.
Targets(IC50)	Others

Solubility Information

Solubility	Chloroform: Soluble DMSO: 20 mg/mL (68.43 mM), Sonication is recommended. Methanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4216 mL	17.1081 mL	34.2161 mL
5 mM	0.6843 mL	3.4216 mL	6.8432 mL
10 mM	0.3422 mL	1.7108 mL	3.4216 mL
50 mM	0.0684 mL	0.3422 mL	0.6843 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.

Reference

Martina Zimmermann, et al. Impact of Acetylated and Non-Acetylated Fucose Analogues on IgG Glycosylation. Antibodies (Basel). 2019 Jan 10;8(1):9.

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