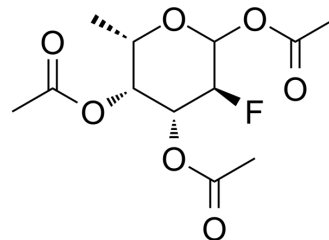


2F-Peracetyl-Fucose

Cat. No.:	HY-W096600		
CAS No.:	188783-78-0		
Molecular Formula:	C ₁₂ H ₁₇ FO ₇		
Molecular Weight:	292.26		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (342.16 mM; Need ultrasonic)

Concentration	Solvent	Mass	1 mg	5 mg	10 mg
			1 mg	5 mg	10 mg
Preparing Stock Solutions	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

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (8.55 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (8.55 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (8.55 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

2F-Peracetyl-Fucose (1,3,4-Tri-O-acetyl-2-deoxy-2-fluoro-L-fucopyranos) acts as a potent fucosyltransferase (FUT) inhibitor [1].

REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only.

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