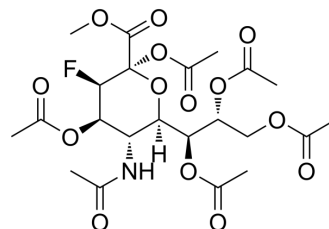


3FAx-Neu5Ac

Cat. No.:	HY-110288		
CAS No.:	117405-58-0		
Molecular Formula:	C ₂₂ H ₃₀ FNO ₁₄		
Molecular Weight:	551.47		
Target:	Sialyltransferase		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (181.33 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.8133 mL	9.0667 mL	18.1334 mL
5 mM	0.3627 mL	1.8133 mL	3.6267 mL
10 mM	0.1813 mL	0.9067 mL	1.8133 mL

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

BIOLOGICAL ACTIVITY

Description

3FAx-Neu5Ac (compound 8), a Sialic acid peracetylated analog, is a sialyltransferase inhibitor. 3FAx-Neu5Ac substantially reduces expression of the sialylated ligand sialyl Lewis X on myeloid cells^[1].

REFERENCES

[1]. Cory D Rillahan, et al. Global metabolic inhibitors of sialyl- and fucosyltransferases remodel the glycome. Nat Chem Biol. 2012 Jul;8(7):661-8.

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

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