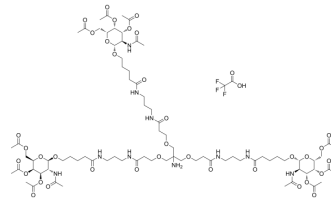


Tri-GalNAc(OAc)₃ TFA

Cat. No.:	HY-148118A
CAS No.:	1159408-65-7
Molecular Formula:	C ₈₁ H ₁₂₉ F ₃ N ₁₀ O ₃₈
Molecular Weight:	1907.93
Target:	LYTACs
Pathway:	PROTAC
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (52.41 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	0.5241 mL	2.6206 mL	5.2413 mL
		5 mM	0.1048 mL	0.5241 mL	1.0483 mL
	10 mM	0.0524 mL	0.2621 mL	0.5241 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (1.31 mM); Clear solution; Need ultrasonic				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (1.31 mM); Clear solution; Need ultrasonic				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (1.31 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	Tri-GalNAc(OAc) ₃ TFA is a tri-GalNAc ligand that can be used for the synthesis of GalNAc-LYTAC. GalNAc-LYTAC engages the asialoglycoprotein receptor for targeted protein degradation. tri-GalNAc: triantennary N-acetylgalactosamine; LYTAC: lysosome-targeting chimera ^[1] .
IC₅₀ & Target	LYTAC ^[1]

REFERENCES

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

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