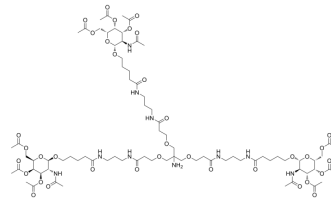


Tri-GalNAc(OAc)₃

Cat. No.:	HY-148118		
CAS No.:	1159408-64-6		
Molecular Formula:	C ₇₉ H ₁₂₈ N ₁₀ O ₃₆		
Molecular Weight:	1793.91		
Target:	LYTACs		
Pathway:	PROTAC		
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 : 10 mg/mL (5.57 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
	Preparing Stock Solutions		10 mg	
	1 mM	0.5574 mL	2.7872 mL	5.5744 mL
	5 mM	0.1115 mL	0.5574 mL	1.1149 mL
	10 mM	---	---	---
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.33 mg/mL (0.74 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.33 mg/mL (0.74 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.33 mg/mL (0.74 mM); Clear solution 			

BIOLOGICAL ACTIVITY

Description	Tri-GalNAc(OAc) ₃ 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

[1]. Ahn G, et al. LYTACs that engage the asialoglycoprotein receptor for targeted protein degradation. Nat Chem Biol. 2021 Sep;17(9):937-946.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA