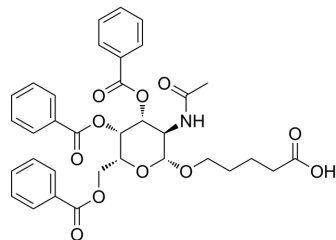


TriGalNAc CBz

Cat. No.:	HY-147354		
CAS No.:	186613-57-0		
Molecular Formula:	C ₃₄ H ₃₅ NO ₁₁		
Molecular Weight:	633.64		
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 : 100 mg/mL (157.82 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.5782 mL	7.8909 mL	15.7818 mL
5 mM	0.3156 mL	1.5782 mL	3.1564 mL
10 mM	0.1578 mL	0.7891 mL	1.5782 mL

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

BIOLOGICAL ACTIVITY

Description

TriGalNAc CBz is a GalNAc derivative and tri-GalNAc is an asialoglycoprotein receptor (ASGPR) ligand. TriGalNAc CBz can be used for mRNA drug delivery as well as lysosomal targeted chimerism (LYTAC) studies^[1].

REFERENCES

- [1]. Kallanthottathil G. Rajeev, et al. Compositions and methods for targeted rna delivery. WO2021178725.
- [2]. Biessen EA, Sliedregt-Bol K, 'T Hoen PA, et al. Design of a targeted peptide nucleic acid prodrug to inhibit hepatic human microsomal triglyceride transfer protein expression in hepatocytes. *Bioconj Chem.* 2002;13(2):295-302.

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

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