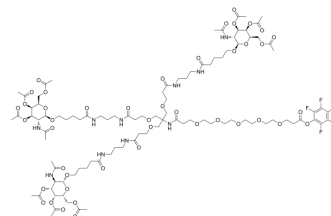


Tri-GalNAc(OAc)3-Perfluorophenyl

Cat. No.: HY-145368B
Molecular Formula: C₉₉H₁₅₁F₅N₁₀O₄₄
Molecular Weight: 2280.29
Target: LYTACs
Pathway: PROTAC
Storage: -20°C, stored under nitrogen
 * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (21.93 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.4385 mL	2.1927 mL	4.3854 mL
	5 mM	0.0877 mL	0.4385 mL	0.8771 mL
	10 mM	0.0439 mL	0.2193 mL	0.4385 mL

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

BIOLOGICAL ACTIVITY

Description

Tri-GalNAc(OAc)3-Perfluorophenyl is a pentafluorophenyl modified Tri-GalNAc(OAc)3 (HY-148118), 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].

REFERENCES

[1]. Zhou Y, et al. Development of Triantennary N-Acetylgalactosamine Conjugates as Degraders for Extracellular Proteins. ACS Cent Sci. 2021 Mar 24;7(3):499-506.

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

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