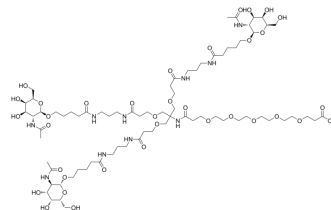


## tri-GalNAc-COOH

Cat. No.:	HY-139482
CAS No.:	1953146-81-0
Molecular Formula:	C <sub>75</sub> H <sub>134</sub> N <sub>10</sub> O <sub>35</sub>
Molecular Weight:	1735.91
Target:	LYTACs
Pathway:	PROTAC
Storage:	-80°C, stored under nitrogen



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 250 mg/mL (144.02 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	0.5761 mL	2.8803 mL	5.7607 mL
				5 mM	0.1152 mL	0.5761 mL	1.1521 mL
				10 mM	0.0576 mL	0.2880 mL	0.5761 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: ≥ 2.08 mg/mL (1.20 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (1.20 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (1.20 mM); Suspended solution						

### BIOLOGICAL ACTIVITY

Description	tri-GalNAc-COOH is an asialoglycoprotein receptor (ASGPR) ligand that can be used for Lysosome Targeting Chimera (LYTAC) research <sup>[1]</sup> .
In Vitro	tri-GalNAc-COOH is a biotin-free ASGPR ligand, which fails to deliver NA-650 to HepG2, Huh7, or A549 cells <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

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

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