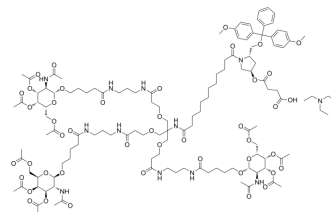


## GalNAc-L96

<b>Cat. No.:</b>	HY-147012
<b>CAS No.:</b>	1159408-62-4
<b>Molecular Formula:</b>	C <sub>127</sub> H <sub>194</sub> N <sub>12</sub> O <sub>45</sub>
<b>Molecular Weight:</b>	2608.95
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 125 mg/mL (47.91 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.3833 mL	1.9165 mL	3.8330 mL
	5 mM	0.0767 mL	0.3833 mL	0.7666 mL
	10 mM	0.0383 mL	0.1916 mL	0.3833 mL

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

### BIOLOGICAL ACTIVITY

#### Description

GalNAc-L96 is a triantennary GalNAc ligand that can be used for the synthesis of GalNAc-siRNA<sup>[1]</sup>. GalNAc is a ligand of ASGPR (asialoglycoprotein receptor).

### REFERENCES

[1]. Anna Clua, et al. Properties of Parallel Tetramolecular G-Quadruplex Carrying N-Acetylgalactosamine as Potential Enhancer for Oligonucleotide Delivery to Hepatocytes. *Molecules*. 2022 Jun 20;27(12):3944.

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

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