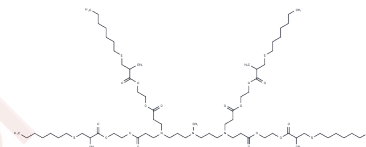


4A3-SC7

Chemical Properties

CAS No. : 1857340-77-2
 Formula: C71H131N3O16S4
 Molecular Weight: 1411.07
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	4A3-SC7 is a polymer of 4A3 amine and functions as an ionizable lipid. It can be utilized in the formation of lipid nanoparticles (LNP) to develop a Selective Organ Targeting (SORT) LNP platform.
Targets(IC50)	Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7087 mL	3.5434 mL	7.0868 mL
5 mM	0.1417 mL	0.7087 mL	1.4174 mL
10 mM	0.0709 mL	0.3543 mL	0.7087 mL
50 mM	0.0142 mL	0.0709 mL	0.1417 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481