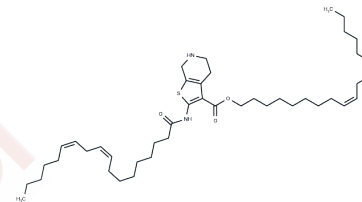


Lipid 20b

Chemical Properties

CAS No. :	2921586-65-2
Formula:	C44H72N2O3S
Molecular Weight:	709.12
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	Lipid 20b, a thiophene ionizable cationic lipid, is utilized in creating lipid nanoparticles (LNPs) for in vivo mRNA delivery. LNPs incorporating lipid 20b and encapsulating mRNA for a luciferase reporter result in bioluminescence observed in the lungs, spleen, and retina of mice.
Targets(IC50)	Others,Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4102 mL	7.051 mL	14.102 mL
5 mM	0.282 mL	1.4102 mL	2.8204 mL
10 mM	0.141 mL	0.7051 mL	1.4102 mL
50 mM	0.0282 mL	0.141 mL	0.282 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