

L319

Chemical Properties

CAS No. : 1351586-50-9

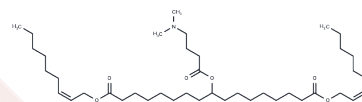
Formula: C₄₁H₇₅N₂O₆

Molecular Weight: 678.04

Keep away from direct sunlight, Keep away from moisture, Store at low temperature

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	L319 (Di((Z)-Non-2-en-1-yl) 9-((4-(dimethylamino)butanoyl)oxy)heptadecanedioate) is a lipid membrane, a potential nucleic acid carrier.
Targets(IC50)	Others, Liposome

Solubility Information

Solubility	DMSO: 80 mg/mL (117.99 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4748 mL	7.3742 mL	14.7484 mL
5 mM	0.295 mL	1.4748 mL	2.9497 mL
10 mM	0.1475 mL	0.7374 mL	1.4748 mL
50 mM	0.0295 mL	0.1475 mL	0.295 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.

Reference

Maier MA, Jayaraman M, Matsuda S, et al. Biodegradable lipids enabling rapidly eliminated lipid nanoparticles for systemic delivery of RNAi therapeutics. Mol Ther. 2013;21(8):1570-1578.

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