

Product Data Sheet

Product Name: L-369
 Cat. No.: GC92063

Chemical Properties

Cas. No. 1443522-24-4

Chemical Name 9-[4-(dimethylamino)-1-oxobutoxy]-heptadecanedioic acid, 1,17-bis(3-pentylloctyl) ester

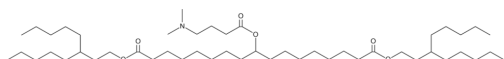
SMILES O=C(CCCCCCCC(CCCCCCCC(OCCC(CCCCC)CCCC)=O)OC(CCCN(C)C)=O)OCCC(CCCCC)CCCC

Formula $C_{49}H_{95}NO_6$ M.Wt 794.3

Solubility Chloroform: Slightly soluble: 0.1-1 mg/ml, Ethanol: Slightly soluble: 0.1-1 mg/ml, Methanol: Sparingly soluble: 1-10 mg/ml
 Storage -20°C

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure 

Background

L-369 is an ionizable cationic lipid.¹

References:

[1]. Jadhav, V., Vaishnav, A., Fitzgerald, K., et al. RNA interference in the era of nucleic acid therapeutics. *Nat. Biotechnol.* 42(3)394-405(2024).

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

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