

Product Data Sheet

Product Name: Lipid 7-1
Cat. No.: GC92056

Chemical Properties

Cas. No. 2795392-95-7

Chemical Name 8-[[[6-[4,4-bis[(5Z)-5-octen-1-yloxy]-1-oxobutoxy]hexyl](2-hydroxyethyl)amino]-octanoic acid, nonyl ester

SMILES CCCCCCCCCOC(CCCCCCN(CCO)CCCCCOC(CCC(OCCCC/C=C\CC)OCCCC/C=C\CC)=O)=O

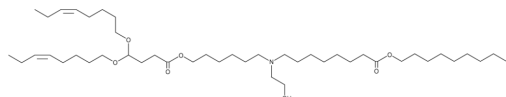
Formula $C_{45}H_{85}NO_7$ M.Wt 752.2

Solubility 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

Lipid 7-1 is an ionizable cationic lipid.¹

References:

[1]. Patwardhan, N.N., Hamilton, G.L., Sago, C.D., et al. Nanomaterials comprising ester-linked acetals (2022).

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA