

Product Data Sheet

Product Name: Lipid 15
Cat. No.: GC71237

Chemical Properties

Cas. No. 2588111-36-6

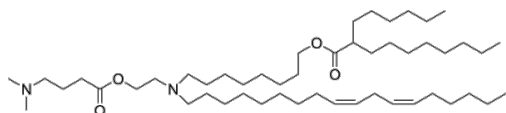
Formula $C_{50}H_{96}N_2O_4$ M.Wt 789.31

Solubility DMSO : 100 mg/mL (126.69 mM); Storage -20°C
Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)

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 15 is an ionizable amino lipid used for the generation of Lipid nanoparticles (LNPs).

References:

[1]. Elia U, Ramishetti S, Rosenfeld R, et al. Design of SARS-CoV-2 hFc-Conjugated Receptor-

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

Product Data Sheet

Binding Domain mRNA Vaccine Delivered via Lipid Nanoparticles. ACS Nano. 2021;15(6):9627-9637.

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