
Product Data Sheet

Product Name: 98N12-5
Cat. No.: GC65316

Chemical Properties

Cas. No. 917572-74-8

Formula C81H163N9O5

M.Wt 1343.22

Solubility DMSO : 50 mg/mL (37.22 mM; ultrasonic and warming and heat to 60°C); THF : 50 mg/mL (37.22 mM; Need ultrasonic)

Storage Store at -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

98N12-5 is a novel multi-tail ionizable lipids that has been used for efficient in vivo siRNA-delivery to the liver.

[1]. Akinc A, Goldberg M, Qin J, et al. Development of lipidoid-siRNA formulations for systemic delivery to the liver. Mol Ther. 2009;17(5):872-879. [2]. Nguyen DN, Chen SC, Lu J, et al. Drug delivery-mediated control of RNA immunostimulation. Mol Ther. 2009;17(9):1555-1562.

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

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