

Product Data Sheet

Product Name: 1O14
Cat. No.: GC90727

Chemical Properties

Cas. No.

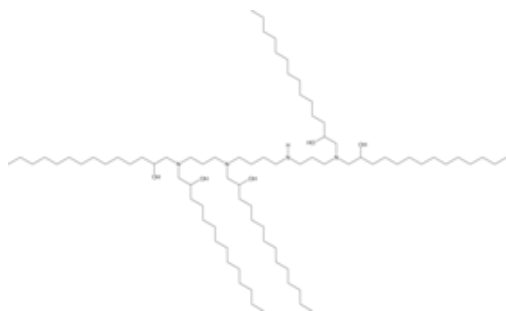
Formula $C_{80}H_{166}N_4O_5$ M.Wt 1264.2

Solubility Ethanol: 25 mg/ml 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

1O14 is an ionizable cationic lipid that has been used in combination with other lipids in the formation of lipid nanoparticles (LNPs).¹ 1O14-containing LNPs have been used for the delivery of IL-1 β siRNA to induce gene silencing and hepatoprotective effects in a mouse model of acute liver injury induced by LPS and galactosamine (GalN).

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

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