

Product Data Sheet

Product Name: DLin-KC2-DMA

Cat. No.: GC35878

Chemical Properties

Cas. No. 1190197-97-7

SMILES CCCCC/C=C\C/C=C\CCCCCCCCC1(CCCCCCCC/C=C\C/C=C\CCCC)OC(CCN(C)C)CO1

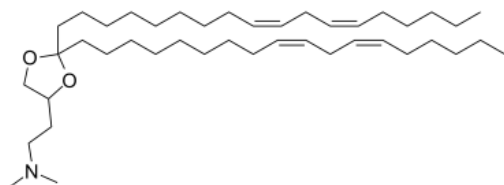
Formula $C_{43}H_{79}NO_2$ M.Wt 642.09

Solubility Ethanol: 50 mg/mL (77.87 mM); DMSO: 5 mg/mL (7.79 mM) Storage Store at -20°C, unstable in solution, ready to use.

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

DLin-KC2-DMA is a cationic/ionizable lipid for siRNA delivery[1].

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

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[1]. Miller AD, et al. Delivery of RNAi therapeutics: work in progress. Expert Rev Med Devices. 2013 Nov;10(6):781-811.

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