
Product Data Sheet

Product Name: TT3
Cat. No.: GC65472

Chemical Properties

Cas. No. 1821214-50-9

Formula C₉₃H₁₇₇N₃O₃

M.Wt 1385.42

Solubility DMSO : 100 mg/mL (72.03 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

TT3 is a lipid-like compound for mRNA and CRISPR/Cas9 delivery.

[1]. Li B, Luo X, Deng B, et al. An Orthogonal Array Optimization of Lipid-like Nanoparticles for mRNA Delivery in Vivo. *Nano Lett.* 2015;15(12):8099-8107. [2]. Jiang C, Mei M, Li B, et al. A non-viral CRISPR/Cas9 delivery system for therapeutically targeting HBV DNA and pcsk9 in vivo. *Cell Res.* 2017;27(3):440-443.

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

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