
Product Data Sheet

Product Name: ZA3-Ep10

Cat. No.: GC64704

Chemical Properties

Cas. No. 2090299-48-0

Formula C₆₆H₁₃₈N₆O₉S

M.Wt 1191.9

Solubility DMSO : ≥ 100 mg/mL (83.90 mM)

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**

ZA3-Ep10 is a zwitterionic lipid used in lipid nanoparticles formulation for in vivo RNA delivery and non-viral CRISPR/Cas gene editing.

[1]. Cationic sulfonamide amino lipids and amphiphilic zwitterionic amino lipids.

WO2017201076A1

[2]. Melamed JR, Hajj KA, Chaudhary N, et al. Lipid nanoparticle chemistry determines how nucleoside base modifications alter mRNA delivery. J Control Release.

2022;341:206-214.

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

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