

Product Data Sheet

Product Name: 9322-O16B

Cat. No.: GC91454

Chemical Properties

Cas. No. 2909427-23-0

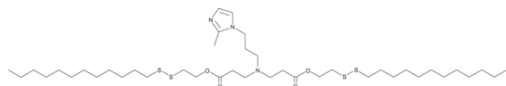
Formula $C_{41}H_{77}N_3O_4S_4$ M.Wt 804.3

Solubility Chloroform: Soluble, Ethanol: Soluble 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

9322-O16B is an ionizable cationic lipid.¹ It has been used in the generation of lipid nanoparticles (LNPs) for the delivery of mRNA in vitro. LNPs containing 9322-O16B and encapsulating mRNA encoding chimeric antigen receptors (CARs) have been used in the generation of anti-CD19 CAR macrophages with anticancer activity.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA