

Product Data Sheet

Product Name: L202
Cat. No.: GC90672

Chemical Properties

Cas. No. 2170488-92-1

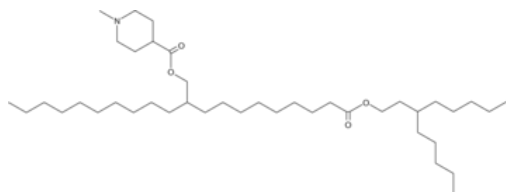
Formula $C_{41}H_{79}NO_4$ M.Wt 650.1

Solubility 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

L202 is an ionizable cationic lipid ($pK_a = 6.04$) that has been used in the generation of lipid nanoparticles (LNPs) for the delivery of mRNA.¹ Intramuscular administration of LNPs containing L202 and encapsulating nucleoside-modified mRNA encoding pre-fusion stabilized severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) spike glycoprotein, also known as surface glycoprotein, increase plasma levels of IgG antibodies targeting SARS-CoV-2 spike glycoprotein in mice and cynomolgus monkeys.

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

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