

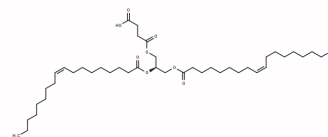
18:1 DGS 1,2-Dioleoyl-sn-glycero-3-succinate

Cat. No.: SN-M-LM2195

Chemical Properties

Product Name	18:1 DGS 1,2-Dioleoyl-sn-glycero-3-succinate
Full Name	4-[(2R)-2,3-bis[[(Z)-octadec-9-enoyl]oxy]propoxy]-4-oxobutanoic acid
Cat. No.	SN-M-LM2195
CAS No.	127640-49-7
Molecular Formula	C43H76O8
Molecular Weight	721.06
Appearance	Liquid
Storage	Powder: -20°C for 3 years In solvent: -80°C for 1 year
Shipping	Shipping with blue ice/Shipping at ambient temperature.
Purity	98+%

Structure



Biological Description

18:1 DGS (1,2-Dioleoyl-Sn-Glycero-3-Succinate) is an anionic lipid modified by succinate, and its carboxyl group is negatively charged under physiological conditions, which can adjust the surface electrical properties and stability of liposomes or nanoparticles. 18:1 DGS (1,2-Dioleoyl-Sn-Glycero-3-Succinate) is often used in the construction of functionalized liposomes, which supports drug delivery and membrane interaction research by providing reaction sites and regulating membrane properties.

Related Products / Keywords

- 18:1 DGS 1,2-Dioleoyl-sn-glycero-3-succinate

This product is a research reagent and must not be used for clinical validation or human therapeutic use.