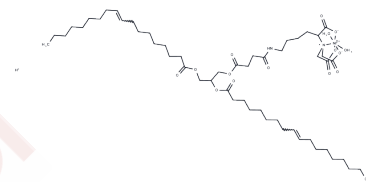


18:1 DGS-NTA(Ni)

Chemical Properties

CAS No. :	231615-77-3
Formula:	C ₅₃ H ₉₄ N ₂ NiO ₁₅
Molecular Weight:	1058.01
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	18:1 DGS-NTA(Ni) is a nickel-chelating lipid. It exhibits high affinity for histidine tags and can bind to the histidine tags on recombinant proteins. This compound is useful in the preparation of liposomes and nanomultilamellar vesicles (NMV), which are employed in studies of protein and peptide binding as well as for antigen delivery.
Targets(IC50)	Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9452 mL	4.7259 mL	9.4517 mL
5 mM	0.189 mL	0.9452 mL	1.8903 mL
10 mM	0.0945 mL	0.4726 mL	0.9452 mL
50 mM	0.0189 mL	0.0945 mL	0.189 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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