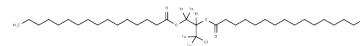


rac 1,2-Bis-palmitoyl-3-chloropropanediol-D5

Chemical Properties

CAS No. :	1185057-55-9
Formula:	C35H62D5ClO4
Molecular Weight:	592.39
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	rac 1,2-Bis-palmitoyl-3-chloropropanediol-D5 is-palmitoyl-3-chloropropanediol-D5 is a deuterated compound of rac 1,2-Bis-palmitoyl-3-chloropropanediol. rac 1,2-Bis-palmitoyl-3-chloropropanediol (T35893) has a CAS number of 51930-97-3. rac-1,2-bis-Palmitoyl-3-chloropropanediol is a 3-monochloropropane-1,2-diol (3-MCPD) ester.1It has been found as a contaminant in edible olive oils, with the lowest and highest concentrations in extra virgin and olive pomace oils, respectively.rac-1,2-bis-Palmitoyl-3-chloropropanediol has also been found in cottonseed and palm oils, as well as in shortening.2It induces renal tubular necrosis and a decrease in spermatids, but no gross pathological changes, in mice.3
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6881 mL	8.4404 mL	16.8808 mL
5 mM	0.3376 mL	1.6881 mL	3.3762 mL
10 mM	0.1688 mL	0.844 mL	1.6881 mL
50 mM	0.0338 mL	0.1688 mL	0.3376 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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