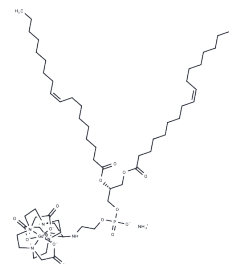


DOPE-DOTA (Gd) ammonium

Chemical Properties

CAS No. : 3077081-49-0
 Formula: C₅₇H₁₀₄GdN₆O₁₅P
 Molecular Weight: 1301.69
 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	DOPE-DOTA (Gd) ammonium is a lipid where DOPE is linked to a gadolinium complex via a DOTA chelating agent. This compound serves as an essential contrast agent in magnetic resonance imaging (MRI).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7682 mL	3.8412 mL	7.6823 mL
5 mM	0.1536 mL	0.7682 mL	1.5365 mL
10 mM	0.0768 mL	0.3841 mL	0.7682 mL
50 mM	0.0154 mL	0.0768 mL	0.1536 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.

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