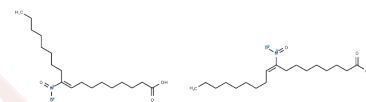


9(10)-Nitrooleate

Chemical Properties

CAS No. :	1092676-99-7
Formula:	C36H66N2O8
Molecular Weight:	654.92
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	9(10)-Nitrooleate, a mixture of endogenous lipid signaling molecules composed of 9-nitrooleic acid and 10-nitrooleic acid, is synthesized through nitration of oleic acid in the presence of peroxyxynitrite, nitrous acid, and myeloperoxidase with hydrogen peroxide (H2O2) and nitrite as auxiliary reagents.
Targets(IC50)	PPAR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5269 mL	7.6345 mL	15.269 mL
5 mM	0.3054 mL	1.5269 mL	3.0538 mL
10 mM	0.1527 mL	0.7635 mL	1.5269 mL
50 mM	0.0305 mL	0.1527 mL	0.3054 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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