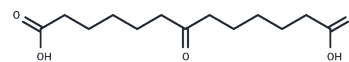


7-Oxotridecanedioic Acid

Chemical Properties

CAS No. : 101171-43-1
 Formula: C₁₃H₂₂O₅
 Molecular Weight: 258.31
 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 | 7-Oxotridecanedioic Acid is a biodegradable cationic lipid intermediate for formulating active-agent-loaded lipid nanoparticles. |
| Targets(IC50) | Others,Liposome |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.8713 mL | 19.3566 mL | 38.7132 mL |
| 5 mM | 0.7743 mL | 3.8713 mL | 7.7426 mL |
| 10 mM | 0.3871 mL | 1.9357 mL | 3.8713 mL |
| 50 mM | 0.0774 mL | 0.3871 mL | 0.7743 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.

Reference

Martin A Maier, et al. Biodegradable lipids enabling rapidly eliminated lipid nanoparticles for systemic delivery of RNAi therapeutics. Mol Ther. 2013 Aug;21(8):1570-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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