

ESP 15228

Chemical Properties

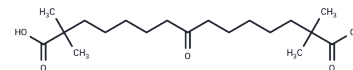
CAS No. : 413624-71-2

Formula: C₁₉H₃₄O₅

Molecular Weight: 342.47

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	2,2,14,14-Tetramethyl-8-oxopentadecanedioic acid is a ketone compound, compound example II-9. 2,2,14,14-Tetramethyl-8-oxopentadecanedioic acid can be used for the research of cardiovascular diseases, dysproteinemias, dyslipidemias, and glucose metabolism disorders.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 45 mg/mL (131.4 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.920 mL	14.5998 mL	29.1996 mL
5 mM	0.584 mL	2.920 mL	5.8399 mL
10 mM	0.292 mL	1.460 mL	2.920 mL
50 mM	0.0584 mL	0.292 mL	0.584 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.

Reference

Jean-Louis H. Dasseux, et al. Ketone compounds and compositions for cholesterol management and related uses. WO2002030860A2.

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