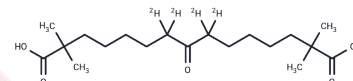


2,2,14,14-tetramethyl-8-oxopentadecanedioic acid-D4

Chemical Properties

CAS No. :	2408132-01-2
Formula:	C ₁₉ H ₃₀ D ₄ O ₅
Molecular Weight:	346.49
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	2,2,14,14-tetramethyl-8-oxopentadecanedioic acid-D4 is a deuterated compound of 2,2,14,14-tetramethyl-8-oxopentadecanedioic acid. 2,2,14,14-tetramethyl-8-oxopentadecanedioic acid (T40514) has a CAS number of 413624-71-2. 2,2,14,14-Tetramethyl-8-oxopentadecanedioic acid is a ketone compound extracted from patent WO2002030860A2, compound example II-9. 2,2,14,14-Tetramethyl-8-oxopentadecanedioic acid can be used for the research of cardiovascular diseases, dyslipidemias, dysproteinemias, and glucose metabolism disorders [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8861 mL	14.4304 mL	28.8609 mL
5 mM	0.5772 mL	2.8861 mL	5.7722 mL
10 mM	0.2886 mL	1.443 mL	2.8861 mL
50 mM	0.0577 mL	0.2886 mL	0.5772 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

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

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