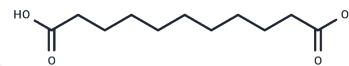


Undecanedioic acid

Chemical Properties

CAS No. :	1852-04-6
Formula:	C ₁₁ H ₂₀ O ₄
Molecular Weight:	216.27
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	Undecanedioic acid has been found in parts of human aortas with advanced atherosclerotic lesions associated with intercellular matrix macromolecules and specifically with elastin.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	Methanol: 10 mg/mL (46.24 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6238 mL	23.1192 mL	46.2385 mL
5 mM	0.9248 mL	4.6238 mL	9.2477 mL
10 mM	0.4624 mL	2.3119 mL	4.6238 mL
50 mM	0.0925 mL	0.4624 mL	0.9248 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

Claire M, et al. Characterization of lipids associated with macromolecules of the intercellular matrix of human aorta. Connect Tissue Res. 1976;4(2):61-71.

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