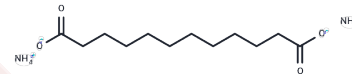


Dodecanedioic acid diammonium salt

Chemical Properties

CAS No. :	72447-43-9
Formula:	C ₁₂ H ₂₈ N ₂ O ₄
Molecular Weight:	264.36
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	Dodecanedioic acid diammonium salt (1,10-Decanedicarboxylic acid diammonium salt) is a dicarboxylic acid which is water-soluble and involves in a metabolic pathway intermediate to those of lipids and carbohydrates.
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: Soluble, DMSO: 2.65 mg/mL (10.02 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7827 mL	18.9136 mL	37.8272 mL
5 mM	0.7565 mL	3.7827 mL	7.5654 mL
10 mM	0.3783 mL	1.8914 mL	3.7827 mL
50 mM	0.0757 mL	0.3783 mL	0.7565 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

Greco AV, et al. The metabolic effect of dodecanedioic acid infusion in non-insulin-dependent diabetic patients. Nutrition. 1998 Apr;14(4):351-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481