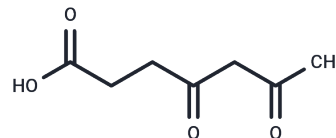


4,6-Dioxoheptanoic acid

Chemical Properties

CAS No. : 51568-18-4
Formula: C₇H₁₀O₄
Molecular Weight: 158.15
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	4,6-Dioxoheptanoic acid (Succinylacetone) acts as a potent inhibitor of heme biosynthesis.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMSO: 95 mg/mL (600.7 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	6.3231 mL	31.6156 mL	63.2311 mL
5 mM	1.2646 mL	6.3231 mL	12.6462 mL
10 mM	0.6323 mL	3.1616 mL	6.3231 mL
50 mM	0.1265 mL	0.6323 mL	1.2646 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

Ebert PS, et al. Succinylacetone, a potent inhibitor of heme biosynthesis: effect on cell growth, heme content and delta-aminolevulinic acid dehydratase activity of malignant murine erythroleukemia cells. Biochem Biophys Res

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481