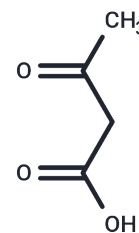


Acetoacetic acid

Chemical Properties

CAS No. : 541-50-4
Formula: C₄H₆O₃
Molecular Weight: 102.09
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Acetoacetic acid, an endogenous metabolite found in cerebrospinal fluid and blood, is valuable for researching conditions such as meningitis, pregnancy, 3-hydroxy-3-methylglutaryl-CoA lyase deficiency, preeclampsia/eclampsia, Diabetes Mellitus Type 2, glucose transporter type 1 deficiency syndrome, and succinyl-CoA:3-oxoacid-CoA transferase deficiency [1] [2] [3] [4] [5] [6] [7].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.7953 mL	48.9764 mL	97.9528 mL
5 mM	1.9591 mL	9.7953 mL	19.5906 mL
10 mM	0.9795 mL	4.8976 mL	9.7953 mL
50 mM	0.1959 mL	0.9795 mL	1.9591 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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