

A 21960

Chemical Properties

CAS No. : 609-15-4

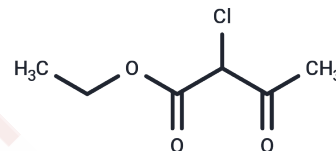
Formula: C₆H₉ClO₃

Molecular Weight: 164.59

Pure form: -20°C for 3 years | In solvent: -80°C for 1

Storage: year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	A 21960 (Ethyl 2-chloroacetoacetate) inhibits synapse formation between resolvase and two directly repeated res sites, blocks site-specific recombination reactions, and can be used to study bacterial infections.
Targets(IC50)	Anti-infection,Others

Solubility Information

Solubility	DMSO: 50 mg/mL (303.79 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	6.0757 mL	30.3785 mL	60.757 mL
5 mM	1.2151 mL	6.0757 mL	12.1514 mL
10 mM	0.6076 mL	3.0379 mL	6.0757 mL
50 mM	0.1215 mL	0.6076 mL	1.2151 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

Flanagan PM, et al. Analysis of inhibitors of the site-specific recombination reaction mediated by Tn3 resolvase. J Mol Biol. 1989 Mar 20;206(2):295-304.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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