

Ethyl butyrylacetate

Chemical Properties

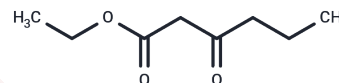
CAS No. : 3249-68-1

Formula: C₈H₁₄O₃

Molecular Weight: 158.2

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

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Ethyl butyrylacetate is a ketone ester compound widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.3211 mL	31.6056 mL	63.2111 mL
5 mM	1.2642 mL	6.3211 mL	12.6422 mL
10 mM	0.6321 mL	3.1606 mL	6.3211 mL
50 mM	0.1264 mL	0.6321 mL	1.2642 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

Saleem A, et al, Shahzad SA. Isoxazole Derivatives against Carbonic Anhydrase: Synthesis, Molecular Docking, MD Simulations, and Free Energy Calculations Coupled with In Vitro Studies. ACS Omega. 2022 Aug 15;7(34):30359-30368.

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