

Ethyl 3-oxopentanoate

Chemical Properties

CAS No. : 4949-44-4

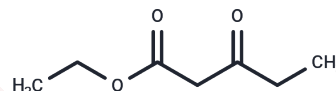
Formula: C₇H₁₂O₃

Molecular Weight: 144.1684

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

Ethyl 3-oxopentanoate is an organic ester compound commonly employed as a reactant or solvent in organic synthesis. It serves as a crucial raw material in the production of pharmaceuticals, food flavorings, and fragrances. Additionally, its stability and reactivity in certain chemical reactions make it widely used in various industrial processes. While it does not have direct applications in medicine, Ethyl 3-oxopentanoate retains significant importance in both chemical research and industrial sectors.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.9363 mL	34.6813 mL	69.3626 mL
5 mM	1.3873 mL	6.9363 mL	13.8725 mL
10 mM	0.6936 mL	3.4681 mL	6.9363 mL
50 mM	0.1387 mL	0.6936 mL	1.3873 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.

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