

Methyl 3-oxohexanoate

Chemical Properties

CAS No. : 30414-54-1

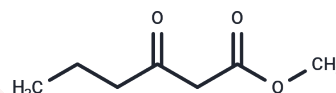
Formula: C₇H₁₂O₃

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

Methyl 3-oxohexanoate (Methyl Butyrylacetate) is an organic compound primarily used in the production of fragrances, pharmaceuticals, and various chemicals. It serves as a condensation, diazotization, and addition reagent, catalyzing certain organic synthesis reactions and playing a role in drug synthesis. Additionally, the compound finds extensive use in the food industry, particularly in products such as juices, beers, and confectioneries.

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.

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