

Methyl 3-oxopentanoate

Chemical Properties

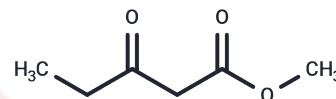
CAS No. : 30414-53-0

Formula: C₆H₁₀O₃

Molecular Weight: 130.1418

Storage: Store at RT

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Methyl 3-oxopentanoate, also known as MEAM, is frequently employed as a building block in the synthesis of various organic compounds, including pharmaceuticals, agrochemicals, and flavoring agents. It also serves as a reagent in organic reactions, particularly in carbon-carbon bond formation through malonate synthesis. Additionally, researchers are exploring the potential use of Methyl 3-oxopentanoate in developing chiral auxiliaries, compounds that aid in selectively controlling the stereochemistry of chemical reactions.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.684 mL	38.4202 mL	76.8403 mL
5 mM	1.5368 mL	7.684 mL	15.3681 mL
10 mM	0.7684 mL	3.842 mL	7.684 mL
50 mM	0.1537 mL	0.7684 mL	1.5368 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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