

Ethyl Methoxyacetate

Chemical Properties

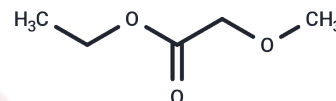
CAS No. : 3938-96-3

Formula: C₅H₁₀O₃

Molecular Weight: 118.13

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 methoxyacetate is an ester compound applicable in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.4653 mL	42.3263 mL	84.6525 mL
5 mM	1.6931 mL	8.4653 mL	16.9305 mL
10 mM	0.8465 mL	4.2326 mL	8.4653 mL
50 mM	0.1693 mL	0.8465 mL	1.6931 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

- Hanefeld U. Reagents for (ir)reversible enzymatic acylations. *Org Biomol Chem*. 2003 Jul 21;1(14):2405-15.
- Cammenberg M, et al. Molecular basis for the enhanced lipase-catalyzed N-acylation of 1-phenylethylamine with methoxyacetate. *Chembiochem*. 2006 Nov;7(11):1745-9.
- Muñoz L, et al. Enzymatic enantiomeric resolution of phenylethylamines structurally related to amphetamine. *Org Biomol Chem*. 2011 Dec 7;9(23):8171-7.

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