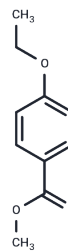


Methyl 4-ethoxybenzoate

Chemical Properties

CAS No. :	23676-08-6
Formula:	C ₁₀ H ₁₂ O ₃
Molecular Weight:	180.2
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Methyl 4-ethoxybenzoate (A13-20348) is an agent of biochemical.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60 mg/mL (332.96 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5494 mL	27.7469 mL	55.4939 mL
5 mM	1.1099 mL	5.5494 mL	11.0988 mL
10 mM	0.5549 mL	2.7747 mL	5.5494 mL
50 mM	0.111 mL	0.5549 mL	1.1099 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

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Mandal PK, Freiter EM, Bagsby AL, Robertson FM, McMurray JS. Efficient synthesis of apricoxib, CS-706, a selective cyclooxygenase-2 inhibitor, and evaluation of inhibition of prostaglandin E2 production in inflammatory breast cancer cells. *Bioorg Med Chem Lett.* 2011 Oct 15;21(20):6071-3. doi: 10.1016/j.bmcl.2011.08.050. Epub 2011 Aug 19. PubMed PMID: 21903394; PubMed Central PMCID: PMC3310163.

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