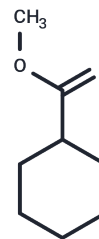


Methyl cyclohexanecarboxylate

Chemical Properties

CAS No. :	4630-82-4
Formula:	C ₈ H ₁₄ O ₂
Molecular Weight:	142.2
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Methyl cyclohexanecarboxylate (Methyl hexahydrobenzoate) is an endogenous metabolite and used as a material for chemical synthesis. Methyl cyclohexanecarboxylate is a flavouring ingredient with berry, estery, and fruity tasting.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMSO: 99 mg/mL (696.20 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	7.0323 mL	35.1617 mL	70.3235 mL
5 mM	1.4065 mL	7.0323 mL	14.0647 mL
10 mM	0.7032 mL	3.5162 mL	7.0323 mL
50 mM	0.1406 mL	0.7032 mL	1.4065 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.

Reference

Yannai, S. (Ed.). (2003). Dictionary of Food Compounds with CD-ROM: Additives, Flavors, and Ingredients (1st ed.). Chapman and Hall/CRC.

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