Data Sheet (Cat.No.T5566)



Ethyl maltol

Chemical Properties

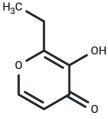
CAS No.: 4940-11-8

Formula: C7H8O3

Molecular Weight: 140.14

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Ethyl maltol (2-Ethyl-3-hydroxy-4H-pyran-4-one) is an extract from medicinal plants such as P. Incarnata and can be used as an anticonvulsant. It is also a common flavoring.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (392.46 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.1357 mL	35.6786 mL	71.3572 mL
5 mM	1.4271 mL	7.1357 mL	14.2714 mL
10 mM	0.7136 mL	3.5679 mL	7.1357 mL
50 mM	0.1427 mL	0.7136 mL	1.4271 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.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481

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