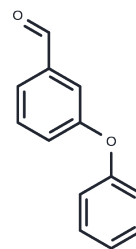


3-Phenoxybenzaldehyde

Chemical Properties

CAS No. : 39515-51-0
Formula: C₁₃H₁₀O₂
Molecular Weight: 198.22
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	3-Phenoxybenzaldehyde is a complement (classical pathway) inhibitor with IC ₅₀ of 1388μM.
Targets(IC ₅₀)	Complement System

Solubility Information

Solubility	DMSO: 50 mg/mL (252.24 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0449 mL	25.2245 mL	50.449 mL
5 mM	1.009 mL	5.0449 mL	10.0898 mL
10 mM	0.5045 mL	2.5224 mL	5.0449 mL
50 mM	0.1009 mL	0.5045 mL	1.009 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

Master HE, Khan SI, Poojari KA. Synthesis of low molecular weight compounds with complement inhibition activity. Bioorg Med Chem Lett. 2003 Apr 7;13(7):1249-51.

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