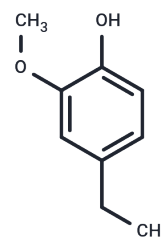


2-Methoxy-4-ethylphenol

Chemical Properties

CAS No. :	2785-89-9
Formula:	C ₉ H ₁₂ O ₂
Molecular Weight:	152.19
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	2-Methoxy-4-ethylphenol inhibits Flavin-containing monooxygenase 5 (NADPH oxidase) in human neutrophils and is widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	NADPH

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.5707 mL	32.8537 mL	65.7073 mL
5 mM	1.3141 mL	6.5707 mL	13.1415 mL
10 mM	0.6571 mL	3.2854 mL	6.5707 mL
50 mM	0.1314 mL	0.6571 mL	1.3141 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

Kanegae MP, et al. The reactivity of ortho-methoxy-substituted catechol radicals with sulfhydryl groups: contribution for the comprehension of the mechanism of inhibition of NADPH oxidase by apocynin. *Biochem Pharmacol.* 2007 Aug 1;74(3):457-64.

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