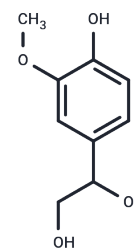


3-Methoxy-4-hydroxyphenylglycol

Chemical Properties

CAS No. :	534-82-7
Formula:	C9H12O4
Molecular Weight:	184.19
Storage:	Store under nitrogen, Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	3-Methoxy-4-hydroxyphenylglycol is a catecholamine metabolite and the primary brain metabolite of norepinephrine. It serves as a biomarker for central norepinephrine turnover in psychiatric research.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: 80 mg/mL (434.33 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	5.4292 mL	27.1459 mL	54.2918 mL
5 mM	1.0858 mL	5.4292 mL	10.8584 mL
10 mM	0.5429 mL	2.7146 mL	5.4292 mL
50 mM	0.1086 mL	0.5429 mL	1.0858 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

Tao Y, et, al. Uptake, Translocation, and Biotransformation of Neonicotinoid Imidaclothiz in Hydroponic Vegetables: Implications for Potential Intake Risks. J Agric Food Chem. 2021 Apr 14;69(14):4064-4073.

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