

3-Hydroxyanisole

Chemical Properties

CAS No. : 150-19-6

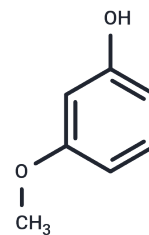
Formula: C7H8O2

Molecular Weight: 124.14

Storage: Keep away from moisture, Keep away from direct sunlight

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	3-Hydroxyanisole has inhibitory activity against MAO-A (IC ₅₀ = 24 ± 2.8 μM) and can be used to study neurological and psychiatric diseases.
Targets(IC ₅₀)	Others, MAO

Solubility Information

Solubility DMSO: 80 mg/mL (644.43 mM), Sonication is recommended.
(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.0554 mL	40.2771 mL	80.5542 mL
5 mM	1.6111 mL	8.0554 mL	16.1108 mL
10 mM	0.8055 mL	4.0277 mL	8.0554 mL
50 mM	0.1611 mL	0.8055 mL	1.6111 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

- Rahman MM, et al. Fabrication of 3-methoxyphenol sensor based on Fe₃O₄ decorated carbon nanotube nanocomposites for environmental safety: Real sample analyses. PLoS One. 2017 Sep 22;12(9):e0177817.
- Foti MC, Daquino C, DiLabio GA, Ingold KU. A meta effect in nonphotochemical processes: the homolytic chemistry of m-methoxyphenol. J Org Chem. 2008 Mar 21;73(6):2408-11.
- Vargas AC, Quiclet-Sire B, Zard SZ. Total synthesis of 10-norparvulenone and of O-methylasparvenone using a xanthate-mediated free radical addition-cyclization sequence. Org Lett. 2003 Oct 2;5(20):3717-9.
- Moridani MY, Cheon SS, Khan S, O'Brien PJ. Metabolic activation of 3-hydroxyanisole by isolated rat hepatocytes. Chem Biol Interact. 2003 Jan 6;142(3):317-33.

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