

Resorufin methyl ether

Chemical Properties

CAS No. : 5725-89-3

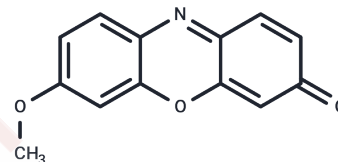
Formula: C₁₃H₉NO₃

Molecular Weight: 227.22

Keep away from direct sunlight

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	fluorometric substrate of cytochrome P450
Targets(IC ₅₀)	Others,Cytochromes P450

Solubility Information

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

	1mg	5mg	10mg
1 mM	4.401 mL	22.0051 mL	44.0102 mL
5 mM	0.8802 mL	4.401 mL	8.802 mL
10 mM	0.4401 mL	2.2005 mL	4.401 mL
50 mM	0.088 mL	0.4401 mL	0.8802 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

Klunk W E, Backsai B J, Mathis C A, et al. Imaging A β plaques in living transgenic mice with multiphoton microscopy and methoxy-X04, a systemically administered Congo red derivative. *Journal of Neuropathology & Experimental Neurology*, 2002, 61(9): 797-805.

Meilandt W J, Maloney J A, Imperio J, et al. Characterization of the selective in vitro and in vivo binding properties of crenezumab to oligomeric A β . *Alzheimer's Research & Therapy*, 2019, 11(1): 97.

Jung C K, Keppler K, Steinbach S, et al. Fibrillar amyloid plaque formation precedes microglial activation. *PLoS One*, 2015, 10(3): e0119768.

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