

Colutehydroquinone

Chemical Properties

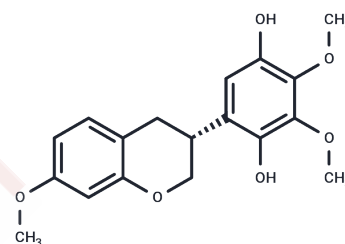
CAS No. : 181311-16-0

Formula: C₁₈H₂₀O₆

Molecular Weight: 332.35

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	Colutehydroquinone is an antifungal isoflavonoid from <i>Colutea arborescens</i> .
Targets(IC50)	Antifection,Antifungal

Solubility Information

Solubility	DMSO: 50 mg/mL (150.44 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	3.0089 mL	15.0444 mL	30.0888 mL
5 mM	0.6018 mL	3.0089 mL	6.0178 mL
10 mM	0.3009 mL	1.5044 mL	3.0089 mL
50 mM	0.0602 mL	0.3009 mL	0.6018 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

Grosvenor PW, et, al. Colutequinone and colutehydroquinone, antifungal isoflavonoids from *Colutea arborescens*. *Phytochemistry*. 1996 Sep;43(2):377-80.

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