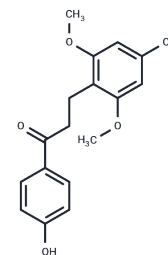


## 4,4'-Dihydroxy-2,6-dimethoxydihydrochalcone

## Chemical Properties

CAS No. :	151752-08-8
Formula:	C17H18O5
Molecular Weight:	302.32
Storage:	Keep away from direct sunlight 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	4,4'-Dihydroxy-2,6-dimethoxydihydrochalcone is isolated from the stem wood of <i>Dracaena loureiri</i> .
Targets(IC50)	Others, COX

## Solubility Information

Solubility	DMSO: 25 mg/mL (82.69 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	3.3078 mL	16.5388 mL	33.0775 mL
5 mM	0.6616 mL	3.3078 mL	6.6155 mL
10 mM	0.3308 mL	1.6539 mL	3.3078 mL
50 mM	0.0662 mL	0.3308 mL	0.6616 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

- Stimulation of dragon's blood accumulation in *Dracaena cambodiana* via fungal inoculation. *Fitoterapia*. 2013 Jun; 87:31-6.
- Kittisak Likhitwitayawuid, et al. Flavonoids and stilbenoids with COX-1 and COX-2 inhibitory activity from *Dracaena loureiri*. *Planta Med*. 2002 Sep;68(9):841-3.

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