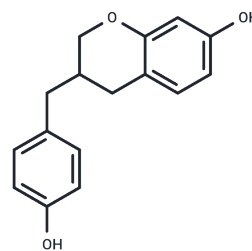


## 7,4'-Dihydroxyhomoisoflavane

## Chemical Properties

CAS No. :	148462-00-4
Formula:	C <sub>16</sub> H <sub>16</sub> O <sub>3</sub>
Molecular Weight:	256.30
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	7,4'-Dihydroxyhomoisoflavane is a naturally occurring homoisoflavane compound, belonging to the homoisoflavonoid family. 7,4'-Dihydroxyhomoisoflavane exhibits antioxidant activity in the ABTS radical scavenging assay, with an IC <sub>50</sub> of approximately 0.22 mg/mL.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9017 mL	19.5084 mL	39.0168 mL
5 mM	0.7803 mL	3.9017 mL	7.8034 mL
10 mM	0.3902 mL	1.9508 mL	3.9017 mL
50 mM	0.078 mL	0.3902 mL	0.7803 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

Luo Y, et al. Antioxidant phenolic compounds of *Dracaena cambodiana*. *Molecules*. 2010 Dec 6;15(12):8904-14.

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