

## Emodinanthrone

## Chemical Properties

CAS No. : 491-60-1

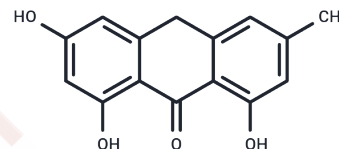
Formula: C<sub>15</sub>H<sub>12</sub>O<sub>4</sub>

Molecular Weight: 256.25

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	Emodinanthrone is a natural product belongs to the class of organic compounds known as anthracenes.
Targets(IC50)	Antibiotic

## Solubility Information

Solubility	DMSO: 55 mg/mL (214.63 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9024 mL	19.5122 mL	39.0244 mL
5 mM	0.7805 mL	3.9024 mL	7.8049 mL
10 mM	0.3902 mL	1.9512 mL	3.9024 mL
50 mM	0.078 mL	0.3902 mL	0.7805 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

GonAlves R S , GB César, Barbosa P M , et al. Optimized protocol for multigram preparation of emodin anthrone, a precursor in the hypericin synthesis[J]. Natural Product Research, 2018:1-4.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481