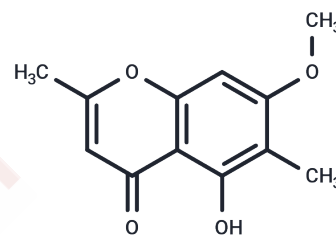


## Eugenitin

## Chemical Properties

CAS No. :	480-12-6
Formula:	C <sub>12</sub> H <sub>12</sub> O <sub>4</sub>
Molecular Weight:	220.22
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	Eugenitin, a polyketide from <i>Mycocleptodiscus indicus</i> , exhibits inhibitory activity against <i>Leishmania major</i> with an LD <sub>50</sub> of 39.9 μM and demonstrates low cytotoxicity (IC <sub>50</sub> >131 μM) in various human cancer cell lines [1].
Targets(IC <sub>50</sub> )	Parasite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5409 mL	22.7046 mL	45.4091 mL
5 mM	0.9082 mL	4.5409 mL	9.0818 mL
10 mM	0.4541 mL	2.2705 mL	4.5409 mL
50 mM	0.0908 mL	0.4541 mL	0.9082 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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