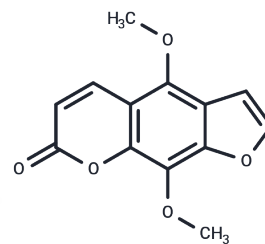


## ISOPIMPINELLIN

## Chemical Properties

CAS No. :	482-27-9
Formula:	C <sub>13</sub> H <sub>10</sub> O <sub>5</sub>
Molecular Weight:	246.22
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Isopimpinellin (4,9-Dimethoxypsoralen) is a natural product isolated from the roots of Pimpinella saxifrage with antiviral and antileishmanial activity.
Targets(IC50)	Antiviral,Parasite,DNA/RNA Synthesis

## Solubility Information

Solubility	DMSO: 7.5 mg/mL (30.46 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	4.0614 mL	20.307 mL	40.6141 mL
5 mM	0.8123 mL	4.0614 mL	8.1228 mL
10 mM	0.4061 mL	2.0307 mL	4.0614 mL
50 mM	0.0812 mL	0.4061 mL	0.8123 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.

## Reference

Cheng, M.-J., et al.: Bioorg. Med. Chem., 13, 5915 (2005)

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