Product Data Sheet

Product Name: Isopimpinellin
Cat. No.: GC39140

Chemical Properties

Cas. No.	482-27-9		
SMILES	O=C1C=CC2=C(OC)C3=C(OC=C3)C(OC)=C2O1		
Formula	$C_{13}H_{10}O_5$	M.Wt	246.22
Solubility	DMSO : 50 mg/mL (203.07 mM; Need ultrasonic)	Storage	4°C, protect from light
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA

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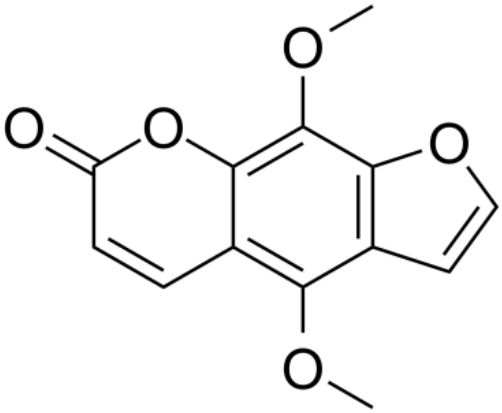
Structure



Background

Isopimpinellin, an orally active compound isolated from the roots of Pimpinella saxifrage. Isopimpinellin blocks DNA adduct formation and skin tumor initiation by 7,12-dimethylbenz[a]anthracene. Isopimpinellin possesses anti-leishmania effect[1].

[1]. Kleiner HE, et al. Oral administration of the citrus coumarin, isopimpinellin, blocks DNA adduct formation and skin tumor initiation by 7,12-dimethylbenz[a]anthracene in SENCAR mice. Carcinogenesis. 2002 Oct;23(10):1667-75.

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