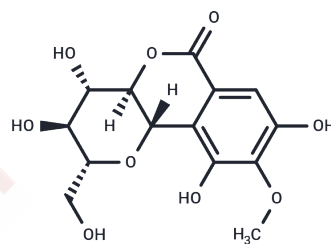


Bergenin

Chemical Properties

CAS No. :	477-90-7
Formula:	C ₁₄ H ₁₆ O ₉
Molecular Weight:	328.27
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Bergenin (Bengenin) is a polyphenol, which is an effective antinarcotic agent with antioxidant action.
Targets(IC50)	Apoptosis,NF-κB,Antibacterial,NOD,Autophagy,Antifungal,IL Receptor,TNF,Virus Protease

Solubility Information

Solubility	H ₂ O: < 1 mg/mL (insoluble or slightly soluble), DMSO: 60 mg/mL (182.78 mM),Sonication is recommended. Ethanol: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0463 mL	15.2314 mL	30.4627 mL
5 mM	0.6093 mL	3.0463 mL	6.0925 mL
10 mM	0.3046 mL	1.5231 mL	3.0463 mL
50 mM	0.0609 mL	0.3046 mL	0.6093 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

Gao XJ, et al. Inflammation. 2015 Jun;38(3):1142-50.

Seo J, Hwang Y H, Lee A, et al.Ethanollic Extract of *Bergia purpurascens* Exhibits Antimelanogenic Effects in B16F10 Cells through Multiple Mechanisms That Suppress Tyrosinase.Journal of Agricultural and Food Chemistry. 2024

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:36 Washington Street,Wellesley Hills,MA 02481