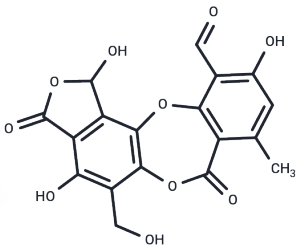
Data Sheet (Cat.No.T35671)

TargetMol

Salazinic Acid

Chemical Properties



CAS No. : 521-39-1

Formula: C18H12O10

Molecular Weight: 388.28

Storage: Keep away from direct sunlight,Store at low temperature
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	Salazinic Acid, a compound extracted from the Lichen Hypotrachyna cirrhata, has potential antioxidant activity and attenuates male sexual dysfunction and testicular oxidative damage in streptozotocin-induced diabetic albino rats.
Targets(IC50)	Antioxidant,Antibacterial,Antifungal

Solubility Information

Solubility	DMSO: 8 mg/mL (20.6 mM),Sonication is recommended. DMF: 8 mg/mL (20.6 mM),Sonication is recommended. Ethanol: 8 mg/mL (20.6 mM),Sonication is recommended. Methanol: 8 mg/mL (20.6 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5755 mL	12.8773 mL	25.7546 mL
5 mM	0.5151 mL	2.5755 mL	5.1509 mL
10 mM	0.2575 mL	1.2877 mL	2.5755 mL
50 mM	0.0515 mL	0.2575 mL	0.5151 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

Candan M, et al. Antimicrobial activity of extracts of the lichen Parmelia sulcata and its salazinic acid constituent. Z Naturforsch C J Biosci. 2007 Jul-Aug;62(7-8):619-21.

Burlando B, et al. Antiproliferative effects on tumour cells and promotion of keratinocyte wound healing by different lichen compounds. Planta Med. 2009 May;75(6):607-13.

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