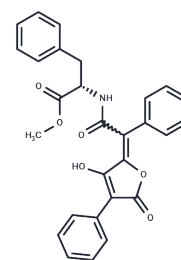


Rhizocarpic acid

Chemical Properties

CAS No. :	18463-11-1
Formula:	C ₂₈ H ₂₃ N ₀ O ₆
Molecular Weight:	469.49
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	Rhizocarpic acid is a derivative of shikimic acid.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.130 mL	10.6499 mL	21.2997 mL
5 mM	0.426 mL	2.130 mL	4.2599 mL
10 mM	0.213 mL	1.065 mL	2.130 mL
50 mM	0.0426 mL	0.213 mL	0.426 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

- Hidalgo ME, Fernández E, Ponce M, Rubio C, Quilhot W. Photophysical, photochemical, and thermodynamic properties of shikimic acid derivatives: calycin and rhizocarpic acid (lichens). *J Photochem Photobiol B*. 2002 Apr; 66(3):213-7. PubMed PMID: 11960732.
- Kokubun T, Shiu WK, Gibbons S. Inhibitory activities of lichen-derived compounds against methicillin- and multidrug-resistant *Staphylococcus aureus*. *Planta Med*. 2007 Feb;73(2):176-9. PubMed PMID: 17415880.
- Villar SE, Edwards HG, Seaward MR. Raman spectroscopy of hot desert, high altitude epilithic lichens. *Analyst*. 2005 May;130(5):730-7. Epub 2005 Mar 16. PubMed PMID: 15852144.
- Hauck M, Jürgens SR, Willenbruch K, Huneck S, Leuschner C. Dissociation and metal-binding characteristics of yellow lichen substances suggest a relationship with site preferences of lichens. *Ann Bot*. 2009 Jan;103(1):13-22. doi: 10.1093/aob/mcn202. Epub 2008 Oct 30. PubMed PMID: 18977765; PubMed Central PMCID: PMC2707280.

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:34 Washington Street,Wellesley Hills,MA 02481