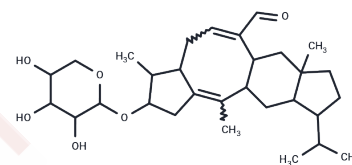


Aleurodiscal

Chemical Properties

CAS No. :	122535-46-0
Formula:	C ₃₀ H ₄₆ O ₆
Molecular Weight:	502.692
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	Aleurodiscal is used as an antifungal sesterterpenoid.
Targets(IC50)	Others,Antibiotic,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9893 mL	9.9465 mL	19.893 mL
5 mM	0.3979 mL	1.9893 mL	3.9786 mL
10 mM	0.1989 mL	0.9946 mL	1.9893 mL
50 mM	0.0398 mL	0.1989 mL	0.3979 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

- Lauer U, Anke T, Sheldrick WS, Scherer A, Steglich W. Antibiotics from basidiomycetes. XXXI. Aleurodiscal: an antifungal sesterterpenoid from *Aleurodiscus mirabilis* (Berk. & Curt.) Höhn. *J Antibiot* (Tokyo). 1989 Jun;42(6):875-82. PubMed PMID: 2500412.
- Salem B, Suffert J. A 4-exo-dig cyclocarbopalladation/8pi electrocyclization cascade: expeditious access to the tricyclic core structures of the ophiobolins and aleurodiscal. *Angew Chem Int Ed Engl*. 2004 May 17;43(21):2826-30. PubMed PMID: 15150760.
- Kindler BL, Spiteller P. Chemical defense of the crust fungus *Aleurodiscus amorphus* by a tailor-made cyanogenic cyanohydrin ether. *Angew Chem Int Ed Engl*. 2007;46(42):8076-8. PubMed PMID: 17886311.

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