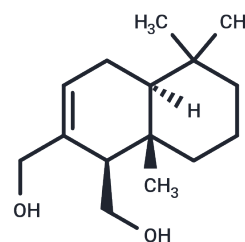


Drimendiol

Chemical Properties

CAS No. :	34437-62-2
Formula:	C ₁₅ H ₂₆ O ₂
Molecular Weight:	238.37
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	Drimendiol (compound 1) is a bioactive compound isolated from the leaves and branches of the winter's bark tree (<i>D. winterii</i>). It has inhibitory effects on biofilm formation of <i>Candida albicans</i> (<i>C. albicans</i>), <i>Staphylococcus aureus</i> (<i>S. aureus</i>), and <i>Staphylococcus epidermidis</i> (<i>S. epidermidis</i>), with BIC50 values of 25.5, 65.1, and 67.1 µg/ml, respectively.
Targets(IC50)	Others, Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1952 mL	20.9758 mL	41.9516 mL
5 mM	0.839 mL	4.1952 mL	8.3903 mL
10 mM	0.4195 mL	2.0976 mL	4.1952 mL
50 mM	0.0839 mL	0.4195 mL	0.839 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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