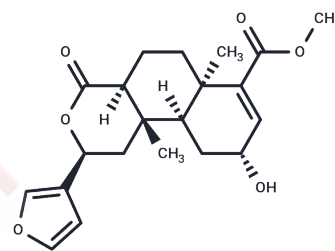


Tinophyllol

Chemical Properties

CAS No. :	96552-83-9
Formula:	C ₂₁ H ₂₆ O ₆
Molecular Weight:	374.43
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	Tinophyllol is a furan-based natural product exhibiting antibacterial activity against <i>Botrytis cinerea</i> .
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6707 mL	13.3536 mL	26.7073 mL
5 mM	0.5341 mL	2.6707 mL	5.3415 mL
10 mM	0.2671 mL	1.3354 mL	2.6707 mL
50 mM	0.0534 mL	0.2671 mL	0.5341 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

Y Kawakami, et al. Indonesian medicinal plants. I. New furanoditerpenes from *Arcangelisia flava* MERR. (2). Stereostructure of furanoditerpenes determined by nuclear magnetic resonance analysis. *Chem Pharm Bull* (Tokyo). 1987 Dec;35(12):4839-45.

Hans Achenbach, et al. Clerodane-type diterpenes and other constituents of *Penianthus zenkeri*, *Phytochemistry*, Volume 30, Issue 6, 1991, Pages 1957-1962.

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