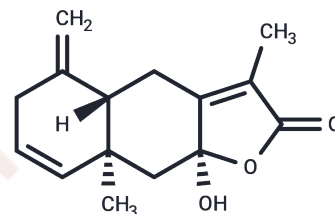


Hydroxylinderstrenolide

Chemical Properties

CAS No. :	20267-92-9
Formula:	C ₁₅ H ₁₈ O ₃
Molecular Weight:	246.3
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Hydroxylinderstrenolide is a naturally occurring small-molecule compound that can be isolated from <i>Commiphora myrrha</i> and <i>Lindera aggregata</i> , which is an ingredient in the traditional Chinese medicine pill <i>Chaihu Shugan Wan</i> against "stagnation of liver qi, distension of chest and hypochondria, indigestion, and acid eructation. Hydroxylinderstrenolide is of interest in natural product research, phytochemical analysis, and bioactivity screening due to its defined chemical structure and plant-derived origin.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0601 mL	20.3004 mL	40.6009 mL
5 mM	0.812 mL	4.0601 mL	8.1202 mL
10 mM	0.406 mL	2.030 mL	4.0601 mL
50 mM	0.0812 mL	0.406 mL	0.812 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

Zheng Y, Luan L, Gan L, Zhou C, Wu Y. Simultaneous determination of three sesquiterpene lactones in *Radix Linderae* by HPLC. *Zhongguo Zhong Yao Za Zhi*. 2009 Nov;34(21):2777-80.

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