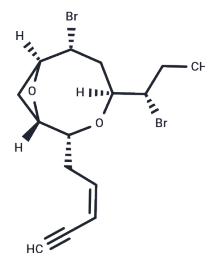


Laureatin

Chemical Properties

CAS No. :	18762-30-6
Formula:	C ₁₅ H ₂₀ Br ₂ O ₂
Molecular Weight:	392.13
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	Laureatin is a component of the sea hare, <i>Aplysia dactylomela</i> .
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5502 mL	12.7509 mL	25.5017 mL
5 mM	0.510 mL	2.5502 mL	5.1003 mL
10 mM	0.255 mL	1.2751 mL	2.5502 mL
50 mM	0.051 mL	0.255 mL	0.510 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

- Keshipeddy S, Martínez I, Castillo BF 2nd, Morton MD, Howell AR. Toward a formal synthesis of laureatin: unexpected rearrangements involving cyclic ether nucleophiles. *J Org Chem*. 2012 Sep 21;77(18):7883-90. Epub 2012 Sep 5. PubMed PMID: 22913294.
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- Suzuki M, Takahashi Y, Nakano S, Abe T, Masuda M, Ohnishi T, Noya Y, Seki K. An experimental approach to study the biosynthesis of brominated metabolites by the red algal genus *Laurencia*. *Phytochemistry*. 2009 Jul-Aug;70(11-12):1410-5. doi: 10.1016/j.phytochem.2009.07.038. Epub 2009 Sep 4. PubMed PMID: 19733868.

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