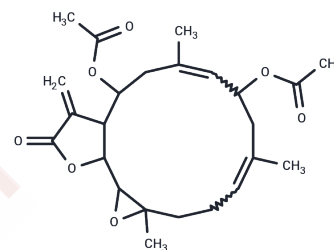


## Lobomichaolide

## Chemical Properties

CAS No. :	145038-59-1
Formula:	C <sub>24</sub> H <sub>32</sub> O <sub>7</sub>
Molecular Weight:	432.51
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	Lobomichaolide is a cembranolide from the soft coral, Lobophytum michaelae.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3121 mL	11.5604 mL	23.1209 mL
5 mM	0.4624 mL	2.3121 mL	4.6242 mL
10 mM	0.2312 mL	1.156 mL	2.3121 mL
50 mM	0.0462 mL	0.2312 mL	0.4624 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

Wang SK, Duh CY. New cytotoxic cembranolides from the soft coral Lobophytum michaelae. Mar Drugs. 2012 Feb; 10(2):306-18. doi: 10.3390/md10020306. Epub 2012 Jan 31. PubMed PMID: 22412802; PubMed Central PMCID: PMC3296998.

Wang SK, Duh CY, Wu YC, Wang Y, Cheng MC, Soong K, Fang LS. Studies on Formosan soft corals. II. Cytotoxic cembranolides from the soft coral Lobophytum michaelae. J Nat Prod. 1992 Oct;55(10):1430-5. PubMed PMID: 1360492.

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