

## Bivittoside A

## Chemical Properties

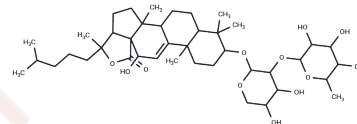
CAS No. : 77394-03-7

Formula: C<sub>41</sub>H<sub>66</sub>O<sub>12</sub>

Molecular Weight: 750.96

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	Bivittoside A is a non-sulfated hexoside analog obtained from Bovine sea cucumber with antifungal activity and potential antitumor activity.
Targets(IC50)	Others,Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3316 mL	6.6581 mL	13.3163 mL
5 mM	0.2663 mL	1.3316 mL	2.6633 mL
10 mM	0.1332 mL	0.6658 mL	1.3316 mL
50 mM	0.0266 mL	0.1332 mL	0.2663 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

Lakshmi V, Srivastava S, Mishra SK, Shukla PK. Antifungal activity of bivittoside-D from *Bohadschia vitiensis* (Semper). *Nat Prod Res*. 2012;26(10):913-8. doi: 10.1080/14786419.2010.534096. Epub 2011 Aug 2. PubMed PMID: 21809953.

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Yuan WH, Yi YH, Tang HF, Liu BS, Wang ZL, Sun GQ, Zhang W, Li L, Sun P. Antifungal triterpene glycosides from the sea cucumber *Bohadschia marmorata*. *Planta Med*. 2009 Feb;75(2):168-73. doi: 10.1055/s-0028-1088348. Epub 2008 Dec 18. PubMed PMID: 19096993.

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