

## Cucumarioside G1

## Chemical Properties

CAS No. :	81296-42-6
Formula:	C <sub>55</sub> H <sub>86</sub> NaO <sub>25</sub> S
Molecular Weight:	1202.32
Storage:	Keep away from moisture 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	Cucumarioside G1 is a triterpene glycoside of holothurian from Cucumaria fraudatrix.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8317 mL	4.1586 mL	8.3173 mL
5 mM	0.1663 mL	0.8317 mL	1.6635 mL
10 mM	0.0832 mL	0.4159 mL	0.8317 mL
50 mM	0.0166 mL	0.0832 mL	0.1663 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

Mazeřka AN, Popov AM, Kalinin VI, Avilov SA, Sil'chenko AS, Kostetskiř Ela. [Complexation between triterpene glycosides of holothurians and cholesterol is the basis of lipid-saponin carriers of subunit protein antigens]. Biofizika. 2008 Sep-Oct;53(5):826-35. Russian. PubMed PMID: 18954012.

Popov AM. [Comparative study of cytotoxic and hemolytic effects of triterpenoids isolated from Ginseng and Sea cucumber]. Izv Akad Nauk Ser Biol. 2002 Mar-Apr;(2):155-64. Russian. PubMed PMID: 11963541.

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