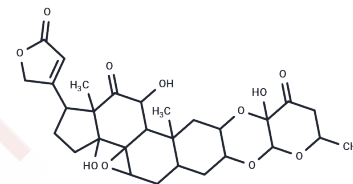


Labriformidin

Chemical Properties

CAS No. :	66419-08-7
Formula:	C ₂₉ H ₃₆ O ₁₁
Molecular Weight:	560.596
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	Labriformidin is a epoxy cardenolide.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7838 mL	8.919 mL	17.838 mL
5 mM	0.3568 mL	1.7838 mL	3.5676 mL
10 mM	0.1784 mL	0.8919 mL	1.7838 mL
50 mM	0.0357 mL	0.1784 mL	0.3568 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

Lynch SP, Martin RA. Cardenolide content and thin-layer chromatography profiles of monarch butterflies, *Danaus plexippus* L., and their larval host-plant milkweed, *Asclepias viridis* Walt., in northwestern Louisiana. *J Chem Ecol.* 1987 Jan;13(1):47-70. doi: 10.1007/BF01020351. PubMed PMID: 24301359.

Malcolm SB, Cockrell BJ, Brower LP. Cardenolide fingerprint of monarch butterflies reared on common milkweed, *Asclepias syriaca* L. *J Chem Ecol.* 1989 Mar;15(3):819-53. doi: 10.1007/BF01015180. PubMed PMID: 24271887.

Nelson CJ, Seiber JN, Brower LP. Seasonal and intraplant variation of cardenolide content in the California milkweed, *Asclepias eriocarpa*, and implications for plant defense. *J Chem Ecol.* 1981 Nov;7(6):981-1010. doi: 10.1007/BF00987622. PubMed PMID: 24420825.

Brower LP, Seiber JN, Nelson CJ, Lynch SP, Holland MM. Plant-determined variation in the cardenolide content, thin-layer chromatography profiles, and emetic potency of monarch butterflies, *Danaus plexippus* L. Reared on milkweed plants in California: 2. *Asclepias speciosa*. *J Chem Ecol.* 1984 Apr;10(4):601-39. doi: 10.1007/BF00994224. PubMed PMID: 24318600.

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