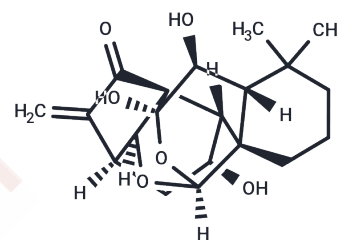


Macrocalin B

Chemical Properties

CAS No. :	93781-75-0
Formula:	C ₂₀ H ₂₆ O ₆
Molecular Weight:	362.42
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	Macrocalin B is a diterpenoid against tumor cell proliferation and telomerase activity.
Targets(IC50)	Others, Telomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7592 mL	13.7961 mL	27.5923 mL
5 mM	0.5518 mL	2.7592 mL	5.5185 mL
10 mM	0.2759 mL	1.3796 mL	2.7592 mL
50 mM	0.0552 mL	0.2759 mL	0.5518 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

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- Cheng PY, Lin YL, Xu GY. [New diterpenoids of *Rabdosia macrocalyx*: the structure of macrocalin A and macrocalin B]. *Yao Xue Xue Bao.* 1984 Aug;19(8):593-8. Chinese. PubMed PMID: 6549528.
- Na Z, Xiang W, Niu XM, Mei SX, Lin ZW, Li CM, Sun HD. Diterpenoids from *Isodon enanderianus*. *Phytochemistry.* 2002 May;60(1):55-60. PubMed PMID: 11985852.
- Zhao AH, Xiang W, Na Z, Wang ZY, Lin ZW, Sun HD. Cytotoxic ent-kauranoids from *Isodon leucophyllus*. *J Asian Nat Prod Res.* 2004 Jun;6(2):145-50. PubMed PMID: 15008461.

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