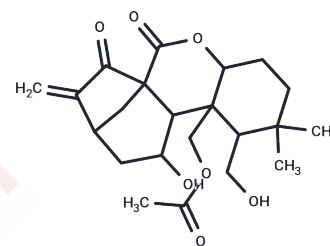


## Rabdosin C

## Chemical Properties

CAS No. :	82460-75-1
Formula:	C <sub>22</sub> H <sub>30</sub> O <sub>7</sub>
Molecular Weight:	406.48
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	Rabdosin C is an ent-kaurane diterpenoid natural product that can be isolated and extracted from <i>Isodon rubescens</i> var. <i>lushanensis</i> . Existing studies confirm that Rabdosin C exhibits certain cytotoxic activity.
Targets(IC50)	Others
In vitro	Methods: K562 cells and Bcap37 cells were treated with Rabdosin C (0.01-100 µg/mL) for 48 h. Results: Rabdosin C exhibited cytotoxicity against both K562 and Bcap37 cells, with IC <sub>50</sub> values of 10.15 µg/mL and 101.32 µg/mL, respectively [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4601 mL	12.3007 mL	24.6015 mL
5 mM	0.492 mL	2.4601 mL	4.9203 mL
10 mM	0.246 mL	1.2301 mL	2.4601 mL
50 mM	0.0492 mL	0.246 mL	0.492 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

- Han QB, et al. Ent-kaurane diterpenoids from *Isodon rubescens* var. *lushanensis*. *Chem Pharm Bull (Tokyo)*. 2003 Jul;51(7):790-3.
- Liu CJ, Li JC, An XZ, Cheng RM, Shen FZ, Xu YL, Wang DZ. [Studies on the antitumor diterpenoid constituents of *Rabdosia japonica* (Burm. f) Hara II. The structures of Rabdosin C]. *Yao Xue Xue Bao*. 1982 Oct;17(10):750-4. Chinese. PubMed PMID: 7168323.

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