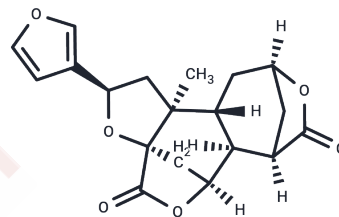


Diosbulbin B

Chemical Properties

CAS No. :	20086-06-0
Formula:	C ₁₉ H ₂₀ O ₆
Molecular Weight:	344.36
Appearance:	no data available
Storage:	keep away from moisture
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	1. Diosbulbin B exhibits potential hepatotoxicity. 2. Diosbulbin B has potential anti-tumor effects which may be related to influencing the immune system for the first time.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 10 mg/mL (29.04 mM), Sonication is recommended. Chloroform, Dichloromethane, Ethyl Acetate, Acetone, etc.: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9039 mL	14.5197 mL	29.0394 mL
5 mM	0.5808 mL	2.9039 mL	5.8079 mL
10 mM	0.2904 mL	1.452 mL	2.9039 mL
50 mM	0.0581 mL	0.2904 mL	0.5808 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.

Reference

Wang J M , Sheng Y C , Ji L L , et al. Ferulic acid prevents liver injury and increases the anti-tumor effect of diosbulbin Bin vivo[J]. Journal of Zhejiang University SCIENCE B, 2014, 15(6):540-547.

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