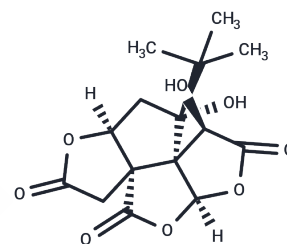


Bilobalide

Chemical Properties

CAS No. :	33570-04-6
Formula:	C ₁₅ H ₁₈ O ₈
Molecular Weight:	326.30
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	Bilobalide ((-)-Bilobalide), a bioactive from Ginkgo Biloba, is active on hypoxia-induced alterations.
Targets(IC50)	Apoptosis,Endogenous Metabolite,Autophagy

Solubility Information

Solubility	H ₂ O: < 1 mg/mL (insoluble or slightly soluble), DMSO: 250.00 mg/mL (766.17 mM),Sonication is recommended. Ethanol: 60.00 mg/mL (183.88 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Saline: 10 mg/mL (30.65 mM),Solution. 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2.00 mg/mL (6.13 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0647 mL	15.3233 mL	30.6466 mL
5 mM	0.6129 mL	3.0647 mL	6.1293 mL
10 mM	0.3065 mL	1.5323 mL	3.0647 mL
50 mM	0.0613 mL	0.3065 mL	0.6129 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

Lu L, et al. Clin Exp Dermatol. 2015 Jul 14.

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