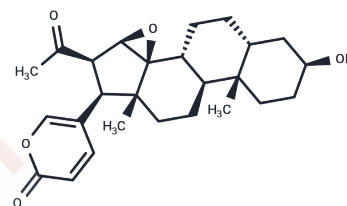


Cinobufagin

Chemical Properties

CAS No. :	470-37-1
Formula:	C ₂₆ H ₃₄ O ₆
Molecular Weight:	442.54
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Cinobufagin (Cinobufagine) is a selective Na ⁺ /K ⁺ -ATPase inhibitor. The activity of Cinobufagin is same as ouabain.
Targets(IC50)	Apoptosis,ATPase,Autophagy

Solubility Information

Solubility	DMSO: 60 mg/mL (135.58 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2597 mL	11.2984 mL	22.5968 mL
5 mM	0.4519 mL	2.2597 mL	4.5194 mL
10 mM	0.226 mL	1.1298 mL	2.2597 mL
50 mM	0.0452 mL	0.226 mL	0.4519 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

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Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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