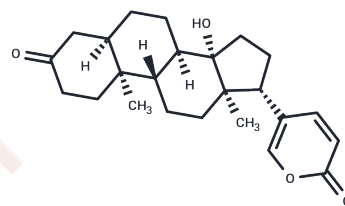


3-Oxo-bufalin

Chemical Properties

CAS No. :	4029-65-6
Formula:	C ₂₄ H ₃₂ O ₄
Molecular Weight:	384.51
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	3-Oxo-bufalin is an active compound isolated from cultured toad liver tissues. It is produced via metabolic pathways as a stereoselectively distinct metabolite of Bufalin, catalyzed by the enzyme 3 β -dehydrogenase. Bufalin acts as an inhibitor of Na ⁺ /K ⁺ -ATPase and possesses antitumor activity.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6007 mL	13.0036 mL	26.0071 mL
5 mM	0.5201 mL	2.6007 mL	5.2014 mL
10 mM	0.2601 mL	1.3004 mL	2.6007 mL
50 mM	0.052 mL	0.2601 mL	0.5201 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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