

Product Datasheet

Cinobufotalin (orb1302378)

Catalog Number	orb1302378
Category	Small Molecules
Description	Cinobufotalin, a cardiac toxin from toad venom, exhibits anti-hepatocellular carcinoma (HCC) activity by inducing growth arrest and apoptosis via ceramide generation in vitro. It reverses multidrug resistance by downregulating P-gp and MRP-1, and enhances the maturation and function of dendritic cells from chronic hepatitis B patients, potentially boosting antiviral immunity.
Target	P-gp,Akt,MRP,IL Receptor
Purity	99.94%
MW	458.54
Target Areas	Akt MRP IL Receptor P-gp
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (4.36 mM);DMSO:50 mg/mL (109.04 mM)
CAS Number	1108-68-5
Formula	C ₂₆ H ₃₄ O ₇
SMILES	<chem>CC(=O)O[C@H]1[C@H]2O[C@]22[C@@H]3CC[C@]4(O)C[C@@H](O)CC[C@]4(C)[C@H]3CC[C@]2(C)[C@H]1c1ccc(=O)oc1</chem>
Storage	keep away from direct sunlight,keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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