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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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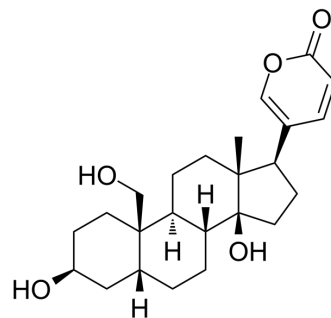
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19-Hydroxybufalin

Cat. No.:	HY-N7019
CAS No.:	39844-86-5
Molecular Formula:	C ₂₄ H ₃₄ O ₅
Molecular Weight:	402.52
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (248.43 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.4843 mL	12.4217 mL	24.8435 mL
		5 mM	0.4969 mL	2.4843 mL	4.9687 mL
		10 mM	0.2484 mL	1.2422 mL	2.4843 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (6.21 mM); Suspended solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (6.21 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.21 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	19-Hydroxybufalin is a bufadienolide, inhibits epithelial-mesenchymal transition and attenuates the migration and invasion of PC3 cells ^[1] .
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REFERENCES

[1]. Chen L, et al. Arenobufagin inhibits prostate cancer epithelial-mesenchymal transition and metastasis by down-regulating β-catenin. Pharmacol Res. 2017 Sep;123:130-142.

Caution: Product has not been fully validated for medical applications. For research use only.

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