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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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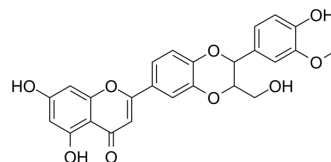
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(Rac)-Hydnocarpin

Cat. No.:	HY-N7199
CAS No.:	51419-48-8
Molecular Formula:	C ₂₅ H ₂₀ O ₉
Molecular Weight:	464.42
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 : 33.33 mg/mL (71.77 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.1532 mL	10.7661 mL	21.5322 mL
		5 mM	0.4306 mL	2.1532 mL	4.3064 mL
		10 mM	0.2153 mL	1.0766 mL	2.1532 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (5.38 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.38 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.38 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	(Rac)-Hydnocarpin is a flavonoid isolated from <i>Hydnocarpus anthelminthica</i> , and exhibits moderate cytotoxic on cancer cells ^[1] .
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REFERENCES

[1]. Arya JS, et al. Exploring Mitochondria-Mediated Intrinsic Apoptosis by New Phytochemical Entities: An Explicit Observation of Cytochrome c Dynamics on Lung and Melanoma Cancer Cells. *J Med Chem.* 2019 Sep 12;62(17):8311-8329.

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

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