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Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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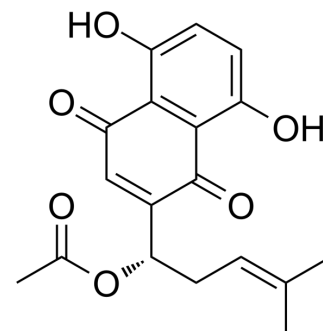
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Acetylalkannin

Cat. No.:	HY-N7610
CAS No.:	34232-27-4
Molecular Formula:	C ₁₈ H ₁₈ O ₆
Molecular Weight:	330.33
Target:	Bacterial
Pathway:	Anti-infection
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 (302.73 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		3.0273 mL	15.1364 mL	30.2728 mL
		5 mM		0.6055 mL	3.0273 mL	6.0546 mL
		10 mM		0.3027 mL	1.5136 mL	3.0273 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: ≥ 3.91 mg/mL (11.84 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (7.57 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Acetylalkannin (Alkannin acetate) is an isohexenylnaphthazarin pigment isolated from <i>Arnebia euchroma</i> with antimicrobial and cytotoxic activities ^[1] .
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REFERENCES

[1]. Harilaos Damianakos, et al. Antimicrobial and cytotoxic isohexenylnaphthazarins from *Arnebia euchroma* (Royle) Jonst. (Boraginaceae) callus and cell suspension culture. *Molecules*. 2012 Dec 3;17(12):14310-22.

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

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