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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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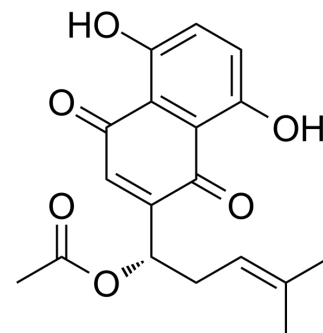
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Acetylalkannin

| | |
|--------------------|--|
| 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] . |
|-------------|---|

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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