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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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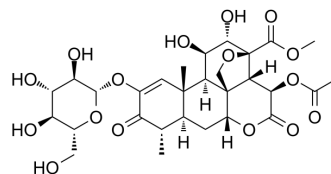
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Yadanzioside F

| | |
|---------------------------|--|
| Cat. No.: | HY-N7190 |
| CAS No.: | 95258-11-0 |
| Molecular Formula: | C ₂₉ H ₃₈ O ₁₆ |
| Molecular Weight: | 642.6 |
| Target: | Parasite |
| Pathway: | Anti-infection |
| Storage: | 4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light) |



SOLVENT & SOLUBILITY

| | | | | | | |
|---|---|----------------------|-------------|-------------|-------------|--------------|
| In Vitro | Ethanol : 25 mg/mL (38.90 mM; Need ultrasonic) | | | | | |
| | Preparing Stock Solutions | Solvent | Mass | 1 mg | 5 mg | 10 mg |
| | | Concentration | | | | |
| | | 1 mM | | 1.5562 mL | 7.7809 mL | 15.5618 mL |
| | | 5 mM | | 0.3112 mL | 1.5562 mL | 3.1124 mL |
| | 10 mM | | 0.1556 mL | 0.7781 mL | 1.5562 mL | |
| Please refer to the solubility information to select the appropriate solvent. | | | | | | |
| In Vivo | 1. Add each solvent one by one: 10% EtOH >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.25 mg/mL (1.95 mM); Clear solution | | | | | |
| | 2. Add each solvent one by one: 10% EtOH >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.25 mg/mL (1.95 mM); Clear solution | | | | | |
| | 3. Add each solvent one by one: 10% EtOH >> 90% corn oil Solubility: ≥ 1.25 mg/mL (1.95 mM); Clear solution | | | | | |

BIOLOGICAL ACTIVITY

| | |
|-------------------------------------|--|
| Description | Yadanzioside F is one of the toxic components found in <i>Brucea javanica</i> ^[1] . <i>Brucea javanica</i> has demonstrated a variety of antitumoral, antimalarial, and anti-inflammatory properties ^[2] . |
| IC₅₀ & Target | Plasmodium |

REFERENCES

[1]. Okuyama E, et al. 1990;110(11):834-838.

[2]. Chen M, et al. Chemical components, pharmacological properties, and nanoparticulate delivery systems of *Brucea javanica*. *Int J Nanomedicine*. 2013;8:85-92.

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

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