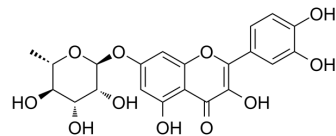


Vincetoxicose B

| | |
|--------------------|--|
| Cat. No.: | HY-N1448 |
| CAS No.: | 22007-72-3 |
| Molecular Formula: | C ₂₁ H ₂₀ O ₁₁ |
| Molecular Weight: | 448.38 |
| Target: | Fungal |
| 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 (223.03 mM; Need ultrasonic) | | | | |
| | | Solvent Concentration | Mass 1 mg | 5 mg | 10 mg |
| | Preparing Stock Solutions | 1 mM | 2.2303 mL | 11.1513 mL | 22.3025 mL |
| | | 5 mM | 0.4461 mL | 2.2303 mL | 4.4605 mL |
| | | 10 mM | 0.2230 mL | 1.1151 mL | 2.2303 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 (5.58 mM); Clear solution | | | | |
| | 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.58 mM); Clear solution | | | | |

BIOLOGICAL ACTIVITY

| | |
|-------------|--|
| Description | Vincetoxicose B shows antifungal activity ^[1] . |
|-------------|--|

REFERENCES

[1]. Yang YX, et al. Chemical constituents from the rhizome of Polygonum paleaceum and their antifungal activity. J Asian Nat Prod Res. 2017 Jan;19(1):47-52.

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

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