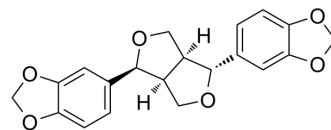


(-)-Asarinin

| | |
|--------------------|--|
| Cat. No.: | HY-N0701 |
| CAS No.: | 133-04-0 |
| Molecular Formula: | C ₂₀ H ₁₈ O ₆ |
| Molecular Weight: | 354.35 |
| 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 : 100 mg/mL (282.21 mM; Need ultrasonic) | | | | | |
| | Preparing Stock Solutions | Solvent Concentration | Mass | 1 mg | 5 mg | 10 mg |
| | | | 1 mM | 2.8221 mL | 14.1103 mL | 28.2207 mL |
| | | | 5 mM | 0.5644 mL | 2.8221 mL | 5.6441 mL |
| | | | 10 mM | 0.2822 mL | 1.4110 mL | 2.8221 mL |
| Please refer to the solubility information to select the appropriate solvent. | | | | | | |
| In Vivo | 1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (7.06 mM); Clear solution; Need ultrasonic | | | | | |
| | 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (7.06 mM); Clear solution | | | | | |

BIOLOGICAL ACTIVITY

| | |
|-------------|--|
| Description | (-)-Asarinin is a extract lignan from <i>Asarum sieboldii</i> Miq., mainly produced in roots of this herb ^[1] . |
|-------------|--|

REFERENCES

[1]. Guo T, et al. Ultrasound-Assisted Aqueous Two-Phase System for Extraction and Enrichment of *Zanthoxylum armatum* Lignans. *Molecules*. 2015 Aug 20;20(8):15273-86.

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

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