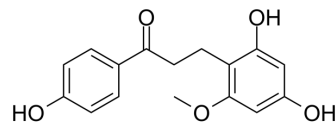


Loureirin D

| | |
|--------------------|--|
| Cat. No.: | HY-N8189 |
| CAS No.: | 119425-91-1 |
| Molecular Formula: | C ₁₆ H ₁₆ O ₅ |
| Molecular Weight: | 288.3 |
| 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 : ≥ 50 mg/mL (173.43 mM)

* "≥" means soluble, but saturation unknown.

| Preparing Stock Solutions | Solvent Concentration | Mass | 1 mg | 5 mg | 10 mg |
|---------------------------|-----------------------|-----------|-----------|------------|------------|
| | | 1 mM | 3.4686 mL | 17.3430 mL | 34.6861 mL |
| | 5 mM | 0.6937 mL | 3.4686 mL | 6.9372 mL | |
| | 10 mM | 0.3469 mL | 1.7343 mL | 3.4686 mL | |

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Loureirin D is a dihydrochalcone found in dragon's blood^[1].

REFERENCES

[1]. Fan JY, et al. A systematic review of the botanical, phytochemical and pharmacological profile of *Dracaena cochinchinensis*, a plant source of the ethnomedicine "dragon's blood". *Molecules*. 2014;19(7):10650-10669. Published 2014 Jul 22.

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

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