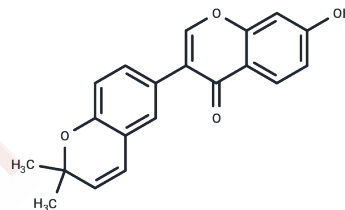


Corylin

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 53947-92-5 |
| Formula: | C ₂₀ H ₁₆ O ₄ |
| Molecular Weight: | 320.34 |
| Appearance: | no data available |
| Storage: | keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year |



Biological Description

| | |
|---------------|---|
| Description | Corylin is a major bioactive compound isolated from <i>Psoralea corylifolia</i> L; it has the activity of antibiotic or anticancer. |
| Targets(IC50) | Antibacterial,Antibiotic,STAT |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: 50 mg/mL (156.08 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.1217 mL | 15.6084 mL | 31.2168 mL |
| 5 mM | 0.6243 mL | 3.1217 mL | 6.2434 mL |
| 10 mM | 0.3122 mL | 1.5608 mL | 3.1217 mL |
| 50 mM | 0.0624 mL | 0.3122 mL | 0.6243 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

- Lee SW, et al. Phenolic compounds isolated from *Psoralea corylifolia* inhibit IL-6-induced STAT3 activation. *Planta Med.* 2012 Jun;78(9):903-6.
- Shang H, Liu X, Pan J, et al.Exploring the mechanism and phytochemicals in *Psoraleae Fructus*-induced hepatotoxicity based on RNA-seq, in vitro screening and molecular docking.*Scientific Reports.*2024, 14(1): 1696.

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