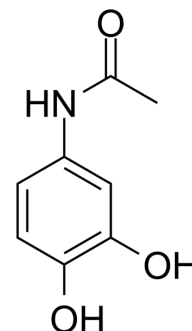


Acetaminophen metabolite 3-hydroxy-acetaminophen

| | | | |
|---------------------------|---|-------|----------|
| Cat. No.: | HY-G0004 | | |
| CAS No.: | 37519-14-5 | | |
| Molecular Formula: | C ₈ H ₉ NO ₃ | | |
| Molecular Weight: | 167.16 | | |
| Target: | Drug Metabolite | | |
| Pathway: | Metabolic Enzyme/Protease | | |
| Storage: | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (1495.57 mM; Need ultrasonic)

| Concentration | Solvent | Mass | | |
|---------------------------|---------|-----------|------------|------------|
| | | 1 mg | 5 mg | 10 mg |
| Preparing Stock Solutions | 1 mM | 5.9823 mL | 29.9115 mL | 59.8229 mL |
| | 5 mM | 1.1965 mL | 5.9823 mL | 11.9646 mL |
| | 10 mM | 0.5982 mL | 2.9911 mL | 5.9823 mL |

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.33 mg/mL (13.94 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.33 mg/mL (13.94 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.33 mg/mL (13.94 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

3-hydroxy-acetaminophen is a metabolite of Acetaminophen, which is a pain medicine.

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

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