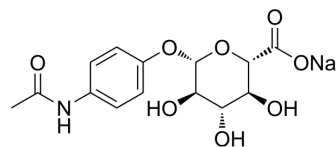


Acetaminophen glucuronide sodium salt

| | |
|--------------------|---|
| Cat. No.: | HY-W016034 |
| CAS No.: | 120595-80-4 |
| Molecular Formula: | C ₁₄ H ₁₆ NNaO ₈ |
| Molecular Weight: | 349.27 |
| Target: | Others |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



SOLVENT & SOLUBILITY

In Vitro

H₂O : 25 mg/mL (71.58 mM; Need ultrasonic and warming)

| Preparing Stock Solutions | Solvent Concentration | Mass | | |
|---------------------------|-----------------------|-----------|------------|------------|
| | | 1 mg | 5 mg | 10 mg |
| | 1 mM | 2.8631 mL | 14.3156 mL | 28.6311 mL |
| | 5 mM | 0.5726 mL | 2.8631 mL | 5.7262 mL |
| | 10 mM | 0.2863 mL | 1.4316 mL | 2.8631 mL |

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

BIOLOGICAL ACTIVITY

Description

Acetaminophen glucuronide is a safe and effective antipyretic analgesic. Acetaminophen glucuronide is potentially toxic to liver and kidney [1].

REFERENCES

[1]. Mazaleuskaya LL, et al. PharmGKB summary: pathways of acetaminophen metabolism at the therapeutic versus toxic doses. Pharmacogenet Genomics. 2015 Aug;25(8):416-26.

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

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