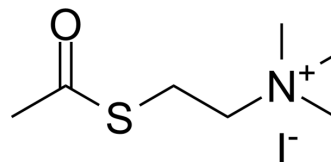


Acetylthiocholine iodide

| | | | |
|--------------------|-------------------------------------|-------|----------|
| Cat. No.: | HY-D0904 | | |
| CAS No.: | 1866-15-5 | | |
| Molecular Formula: | C ₇ H ₁₆ INOS | | |
| Molecular Weight: | 289.18 | | |
| Target: | Biochemical Assay Reagents | | |
| Pathway: | Others | | |
| Storage: | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |



SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (345.81 mM; Need ultrasonic)

| Concentration | Mass | | |
|---------------|-----------|------------|------------|
| | 1 mg | 5 mg | 10 mg |
| 1 mM | 3.4581 mL | 17.2903 mL | 34.5805 mL |
| 5 mM | 0.6916 mL | 3.4581 mL | 6.9161 mL |
| 10 mM | 0.3458 mL | 1.7290 mL | 3.4581 mL |

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

BIOLOGICAL ACTIVITY

Description

Acetylthiocholine iodide can be used as a substrate for certain enzymes, such as cholinesterase, etc., and can be used to determine the activity level of these enzymes. In addition, the compound is used in some medical research, for example in the fields of neuroscience and organ physiology.

In Vitro

Acetylthiocholine diiodide is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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