

Thioperamide

Chemical Properties

| | |
|-------------------|--|
| CAS No.: | 106243-16-7 |
| Formula: | C ₁₅ H ₂₄ N ₄ S |
| Molecular Weight: | 292.44 |
| Appearance: | N/A |
| Storage: | 0-4°C for short term (days to weeks), or -20°C for long term (months). |

Biological Description

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| Description | histamine H3 and H4 antagonist/inverse agonist |
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Solubility Information

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|------------|---|
| Solubility | Ethanol: <29.24mg/ml DMSO: <29.24mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble) |
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Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|------------|------------|-------------|
| 1 mM | 3.42 mL | 17.098 mL | 34.195 mL |
| 5 mM | 0.684 mL | 3.42 mL | 6.839 mL |
| 10 mM | 0.342 mL | 1.71 mL | 3.42 mL |
| 50 mM | 0.068 mL | 0.342 mL | 0.684 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

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