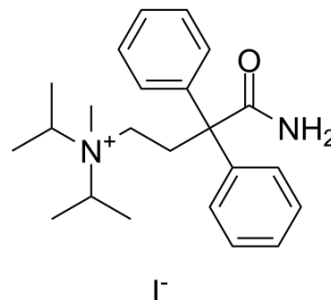


## Isopropamide iodide

|                           |   |       |          |
|---------------------------|---|-------|----------|
| <b>Cat. No.:</b>          | HY-B1667  |       |          |
| <b>CAS No.:</b>           | 71-81-8   |       |          |
| <b>Molecular Formula:</b> | C <sub>23</sub> H <sub>33</sub> IN <sub>2</sub> O |       |          |
| <b>Molecular Weight:</b>  | 480.43  |       |          |
| <b>Target:</b>            | Others  |       |          |
| <b>Pathway:</b>           | Others  |       |          |
| <b>Storage:</b>           | 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 (520.37 mM; Need ultrasonic)

| Concentration             | Solvent | Mass      |            |            |
|---------------------------|---------|-----------|------------|------------|
|                           |         | 1 mg      | 5 mg       | 10 mg      |
| Preparing Stock Solutions | 1 mM    | 2.0815 mL | 10.4073 mL | 20.8147 mL |
|                           | 5 mM    | 0.4163 mL | 2.0815 mL  | 4.1629 mL  |
|                           | 10 mM   | 0.2081 mL | 1.0407 mL  | 2.0815 mL  |

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

### BIOLOGICAL ACTIVITY

#### Description

Isopropamide iodide is a long-acting quaternary anticholinergic agent. Isopropamide iodide is used in peptic ulcer and other gastrointestinal disorders marked by hyperacidity and hypermotility<sup>[1][2]</sup>.

### REFERENCES

[1]. SEEHERMAN R. Isopropamide iodide: a long-acting anticholinergic. Del Med J. 1957;29(10):265-269.

[2]. Navya sri D, et al. METHOD DEVELOPMENT AND VALIDATION FOR THE SIMULTANEOUS ESTIMATION OF TRIFLUOPERAZINE AND ISOPROPAMIDE IN TABLET DOSAGE FORM BY RP-HPLC. International Journal of Pharmaceutical Research & Analysis.

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

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