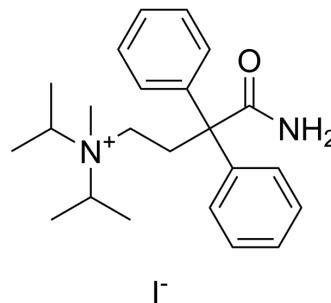


## Isopropamide iodide

Cat. No.:	HY-B1667
CAS No.:	71-81-8
Molecular Formula:	C <sub>23</sub> H <sub>33</sub> N <sub>2</sub> O
Molecular Weight:	480.43
Target:	mAChR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 250 mg/mL (520.37 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	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.

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

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