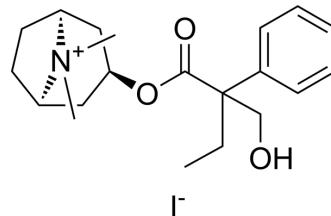


## Ilmetropium iodide

Cat. No.:	HY-109006
CAS No.:	129109-88-2
Molecular Formula:	C <sub>20</sub> H <sub>30</sub> INO <sub>3</sub>
Molecular Weight:	459.36
Target:	mAChR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Ilmetropium iodide is an anticholinergic agent. Ilmetropium iodide selectively blocks M-cholinergic receptors of bronchial muscle, reduces or prevents bronchoconstrictor response associated with both cholinergic stimulation, as well as the impact of the factors that provoke bronchospasm. Strength and selectivity of ilmetropium iodide action substantially exceeds Atropine sulfate (HY-B1205A) and Ipratropium bromide (HY-B0241)<sup>[1]</sup>.

### REFERENCES

[1]. Molostova T, et al. Comparative activity of ilmetropium iodide and other anticholinergic drugs[C]//ERS International Congress 2018 abstracts.2018.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA