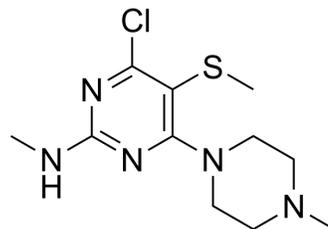


Mezilamine

Cat. No.:	HY-119615
CAS No.:	50335-55-2
Molecular Formula:	C ₁₁ H ₁₈ ClN ₅ S
Molecular Weight:	287.81
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Mezilamine is a potent antidopaminergic agent. Mezilamine induces a concentration dependent increase in the electrically stimulated overflow of ³ H-noradrenaline from rat cortical slices, without affecting the basal overflow. Mezilamine acts as a presynaptic α -adrenoceptor antagonist and a postsynaptic α -adrenoceptor agonist ^[1] .
In Vitro	Mezilamine (1, 5, 10 μ M) causes a concentration-dependent increase in ³ H-stimulated overflow, without affecting the spontaneous outflow from cortical slices ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. G Le Fur, et al. Mezilamine, a new dopamine antagonist, blocks presynaptic but stimulates postsynaptic alpha-adrenoceptors. *Eur J Pharmacol.* 1979 Oct 15;58(4):359-67.

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