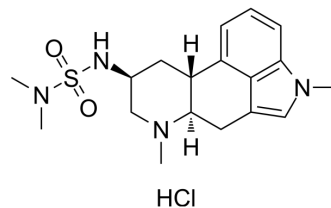


Mesulergine hydrochloride

Cat. No.:	HY-103147
CAS No.:	72786-12-0
Molecular Formula:	C ₁₈ H ₂₇ ClN ₄ O ₂ S
Molecular Weight:	398.95
Target:	5-HT Receptor; Dopamine Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Mesulergine (CU32-085) hydrochloride is a potent 5-HT _{2C} antagonist and dopamine (DA) agonist. Mesulergine hydrochloride presents hyperphagia. Mesulergine hydrochloride has the potential for the research of cognitive processes ^{[1][2]} .	
IC₅₀ & Target	5-HT _{2C} Receptor	Dopamine Receptor

REFERENCES

[1]. Giannakopoulos G, et al. Effects of mesulergine treatment on diet selection, brain serotonin (5-HT) and dopamine (DA) turnover in free feeding rats. *Prog Neuropsychopharmacol Biol Psychiatry*. 1998 Jul;22(5):803-13.

[2]. Khaliq S, et al. Influence of serotonergic 5-HT_{2C} receptor antagonist mesulergine in the reversal of memory deficits induced by mCPP. *J Coll Physicians Surg Pak*. 2012 Feb;22(2):75-9.

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

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