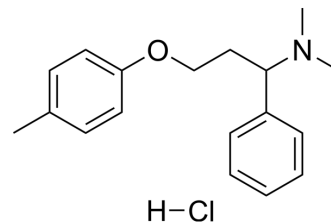


LY125180

Cat. No.:	HY-129682
CAS No.:	74515-39-2
Molecular Formula:	C ₁₈ H ₂₄ ClNO
Molecular Weight:	305.84
Target:	5-HT Receptor; Dopamine Receptor; 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

LY125180 is a serotonin uptake inhibitor. LY125180 competitively inhibits the uptake of serotonin and norepinephrine by cortical synaptosomes and of dopamine by striatal synaptosomes, with K_i values of 0.06 μM, 2.2 μM and 2.5 μM respectively [1].

REFERENCES

[1]. Wong DT, et al. N,N-Dimethyl-α-[2-(p-tolyloxy)ethyl]benzylamine hydrochloride (LY125180). Effects on serotonin uptake and serotonin synthesis in rat brain in vitro and in vivo. *Biochem Pharmacol.* 1980 Mar 15;29(6):935-41.

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

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