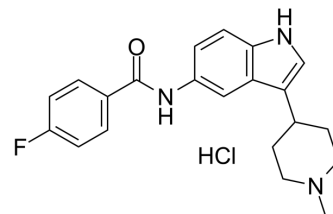


LY334370 hydrochloride

Cat. No.:	HY-103107A
CAS No.:	199673-74-0
Molecular Formula:	C ₂₁ H ₂₃ ClFN ₃ O
Molecular Weight:	387.88
Target:	5-HT Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	LY334370 hydrochloride is a selective 5-HT _{1F} receptor agonist with a K _d value of 0.446 nM. LY334370 hydrochlorid has anti-migraine activity ^{[1][2]} .
IC ₅₀ & Target	5-HT _{1F} Receptor 0.446 nM (Kd)

REFERENCES

[1]. Wainscott DB, et al. [³H]LY334370, a novel radioligand for the 5-HT_{1F} receptor. I. In vitro characterization of binding properties. Naunyn Schmiedebergs Arch Pharmacol. 2005 Mar;371(3):169-77.

[2]. Johnson KW, et al. 5-HT_{1F} receptor agonists inhibit neurogenic dural inflammation in guinea pigs. Neuroreport. 1997 Jul 7;8(9-10):2237-40.

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

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