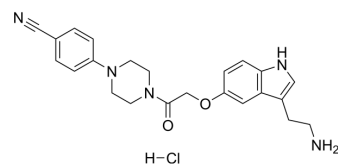


Donitriptan hydrochloride

Cat. No.:	HY-103091
CAS No.:	170911-68-9
Molecular Formula:	C ₂₃ H ₂₆ ClN ₅ O ₂
Molecular Weight:	439.94
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	Donitriptan hydrochloride (F-11356) is a potent, high efficacy agonist at 5-HT _{1B/1D} receptors with pK _i s of 9.4 and 9.3, respectively ^[1] .	
IC ₅₀ & Target	5-HT _{1B} Receptor 9.4 (pKi)	5-HT _{1D} Receptor 9.3 (pKi)

REFERENCES

[1]. Muñoz-Islas E, et al. Donitriptan, but not sumatriptan, inhibits capsaicin-induced canine external carotid vasodilatation via 5-HT_{1B} rather than 5-HT_{1D} receptors. *Br J Pharmacol.* 2006 Sep;149(1):82-91.

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

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