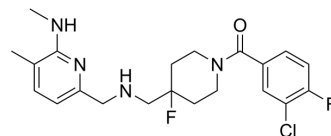


F 13714

Cat. No.:	HY-146232
CAS No.:	208109-38-0
Molecular Formula:	C ₂₁ H ₂₅ ClF ₂ N ₄ O
Molecular Weight:	422.9
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	F 13714 (F 14679) is a prototypical 5-HT _{1A} agonist with a pK _i of 10.23. F 13714 induces large Ca ²⁺ responses ^[1] .	
IC ₅₀ & Target	5-HT _{1A} Receptor 10.23 (pKi)	5-HT _{1B} Receptor 5.12 (pIC ₅₀)

REFERENCES

[1]. Pauwels PJ, et al. Ca²⁺ responses in Chinese hamster ovary-K1 cells demonstrate an atypical pattern of ligand-induced 5-HT_{1A} receptor activation. J Pharmacol Exp Ther. 2003 Nov;307(2):608-14.

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

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