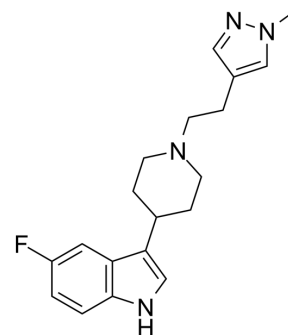


LY302148

Cat. No.:	HY-114678
CAS No.:	182564-47-2
Molecular Formula:	C ₁₉ H ₂₃ N ₄
Molecular Weight:	326.41
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

LY302148 is a receptor ligand for 5-HT_{1F}. Compared to the E_{max} of 5-HT, LY302148 behaves as a partial agonist for the 5-HT_{1F} receptor. In the [³⁵S]GTPγS binding assay targeting human 5-HT_{1F} receptors, LY302148 exhibits good potency with an EC₅₀ value of 5.23 nM. LY302148 can be used in the research of migraine^[1].

REFERENCES

[1]. Wainscott D B, et al. Human 5-HT_{1F} receptor-stimulated [³⁵S] GTPγS binding: correlation with inhibition of guinea pig dural plasma protein extravasation[J]. European journal of pharmacology, 1998, 352(1): 117-124.

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

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