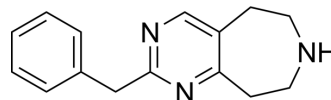


PF-03246799

Cat. No.:	HY-119103
CAS No.:	1065110-62-4
Molecular Formula:	C ₁₅ H ₁₇ N ₃
Molecular Weight:	239.32
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	PF-03246799 (PF-3246799) is a potent and selective 5-HT _{2C} receptor agonist with an EC ₅₀ of 190 nM and a K _i of 160 nM. PF-03246799 shows selectivity for 5-HT _{2C} over 5-HT _{2A} and 5-HT _{2B} receptors. PF-03246799 has the potential for stress urinary incontinence (SUI) research ^[1] .	
IC ₅₀ & Target	5-HT _{2C} Receptor 190 nM (EC ₅₀)	5-HT _{2C} Receptor 160 nM (K _i)

REFERENCES

[1]. Andrews MD, et al. Pyrimido[4,5-d]azepines as potent and selective 5-HT_{2C} receptor agonists: design, synthesis, and evaluation of PF-3246799 as a treatment for urinary incontinence. *Bioorg Med Chem Lett*. 2011 May 1;21(9):2715-20.

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

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