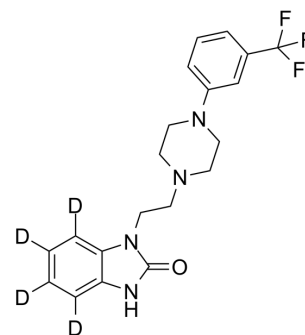


Flibanserin-d4

Cat. No.:	HY-A0095S
CAS No.:	2122830-90-2
Molecular Formula:	C ₂₀ H ₁₇ D ₄ F ₃ N ₄ O
Molecular Weight:	394.43
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

Flibanserin D4 is a deuterium labeled Flibanserin (BIMT-17). Flibanserin is a full agonist of the serotonin 5-HT_{1A} receptor ($K_i = 1$ nM) and an antagonist of 5-HT_{2A} (49 nM)^[1].

REFERENCES

[1]. Invernizzi RW, et al. Flibanserin, a potential antidepressant drug, lowers 5-HT and raises dopamine and noradrenaline in the rat prefrontal cortex dialysate: role of 5-HT_{1A} receptors. *Br J Pharmacol.* 2003 Aug;139(7):1281-8.

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

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