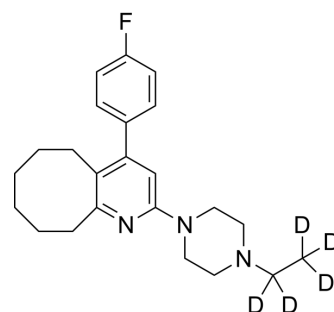


Blonanserin-d₅

Cat. No.:	HY-13575S1
CAS No.:	1346599-86-7
Molecular Formula:	C ₂₃ H ₂₅ D ₅ FN ₃
Molecular Weight:	372.53
Target:	5-HT Receptor; Dopamine Receptor; Isotope-Labeled Compounds
Pathway:	GPCR/G Protein; Neuronal Signaling; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Blonanserin-d ₅ is a deuterium labeled Blonanserin. Blonanserin is a dopamine D ₂ /5-HT ₂ receptor antagonist and an atypical antipsychotic[1][2].	
IC₅₀ & Target	5-HT ₂ Receptor	D ₂ Receptor

REFERENCES

- [1]. Tenjin, T., et al., Profile of blonanserin for the treatment of schizophrenia. *Neuropsychiatr Dis Treat*, 2013. 9: p. 587-94.
- [2]. Oka, M., et al., Pharmacological profile of AD-5423, a novel antipsychotic with both potent dopamine-D₂ and serotonin-S₂ antagonist properties. *J Pharmacol Exp Ther*, 1993. 264(1): p. 158-65.

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

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