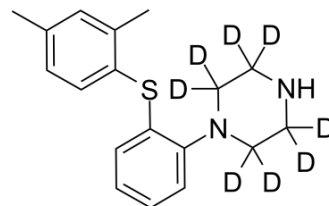


Vortioxetine D8

Cat. No.:	HY-15414S
CAS No.:	2140316-62-5
Molecular Formula:	C ₁₈ H ₁₄ D ₈ N ₂ S
Molecular Weight:	306.49
Target:	5-HT Receptor; Serotonin Transporter
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Vortioxetine D8 is a deuterium labeled Vortioxetine. Vortioxetine is an inhibitor of 5-HT_{1A}, 5-HT_{1B}, 5-HT_{3A}, 5-HT₇ receptor and SERT, with K_i values of 15 nM, 33 nM, 3.7 nM, 19 nM and 1.6 nM, respectively^{[1][2][3][4][5]}.

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- [3]. Theunissen EL, Street D, Hjerppe AM, A randomized trial on the acute and steady-state effects of a new antidepressant, vortioxetine (Lu AA21004), on actual driving and cognition. *Clin Pharmacol Ther.* 2013 Jun;93(6):493-501.
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Caution: Product has not been fully validated for medical applications. For research use only.

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