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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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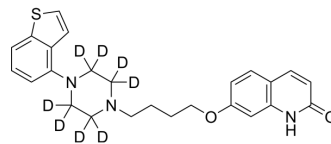
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Brexiprazole-d₈

Cat. No.:	HY-15780S		
CAS No.:	1427049-21-5		
Molecular Formula:	C ₂₅ H ₁₉ D ₈ N ₃ O ₂ S		
Molecular Weight:	441.62		
Target:	5-HT Receptor; Dopamine Receptor		
Pathway:	GPCR/G Protein; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

Brexiprazole-d₈ is a deuterium labeled Brexiprazole (OPC-34712). Brexiprazole, an atypical antipsychotic agent, is a partial agonist of human 5-HT_{1A} and dopamine receptor (K_i=0.12 nM and 0.3 nM, respectively). Brexiprazole is also a 5-HT_{2A} receptor antagonist (K_i=0.47 nM)[1][2].

REFERENCES

- [1]. Ishima T, et al. Potentiation of neurite outgrowth by brexiprazole, a novel serotonin-dopamine activity modulator: a role for serotonin 5-HT_{1A} and 5-HT_{2A} receptors. *Eur Neuropsychopharmacol.* 2015 Apr;25(4):505-11.
- [2]. Yoshimi N, et al. Improvement of dizocilpine-induced social recognition deficits in mice by brexiprazole, a novel serotonin-dopamine activity modulator. *Eur Neuropsychopharmacol.* 2015 Mar;25(3):356-64.

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

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