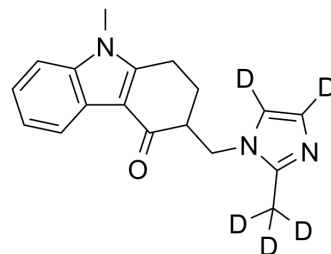


Ondansetron-d5

Cat. No.:	HY-B0002BS		
CAS No.:	1219798-86-3		
Molecular Formula:	C ₁₈ H ₁₄ D ₅ N ₃ O		
Molecular Weight:	298.39		
Target:	5-HT Receptor		
Pathway:	GPCR/G Protein; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Ondansetron-d ₅ is the deuterium labeled Ondansetron. Ondansetron (GR 38032; SN 307) is a serotonin 5-HT ₃ receptor antagonist used mainly as an antiemetic (to treat nausea and vomiting), often following chemotherapy.
In Vitro	Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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