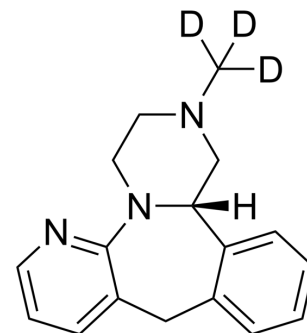


(S)-Mirtazapine-d₃

Cat. No.:	HY-B0352AS		
Molecular Formula:	C ₁₇ H ₁₆ D ₃ N ₃		
Molecular Weight:	268.37		
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	(S)-Mirtazapine-d ₃ is a deuterium labeled (S)-Mirtazapine. (S)-Mirtazapine is a S(+)-enantiomer of Mirtazapine with pronociceptive properties in an animal model of acute thermal nociception. (S)-Mirtazapine is a stereoselective 5-HT ₂ receptor antagonist. (S)-Mirtazapine is metabolized by CYP2D6 and CYP1A2[1].
IC₅₀ & Target	5-HT ₂ receptor ^[1]

REFERENCES

[1]. Muth-Selbach U, et al. Racemic intrathecal mirtazapine but not its enantiomers acts anti-neuropathic after chronic constriction injury in rats. Brain Res Bull. 2009 Apr 6;79(1):63-8.

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

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