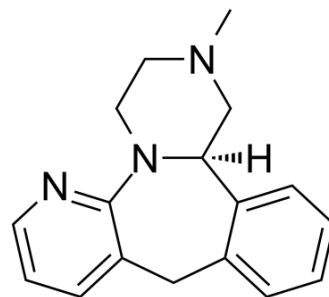


(R)-Mirtazapine

Cat. No.:	HY-B0352B
CAS No.:	61364-37-2
Molecular Formula:	C ₁₇ H ₁₉ N ₃
Molecular Weight:	265.35
Target:	5-HT Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	(R)-Mirtazapine ((R)-Org3770) is a R(-)-enantiomer of Mirtazapine with antinociceptive properties in an animal model of acute thermal nociception. (R)-Mirtazapine is a 5-HT ₃ receptor antagonist. (R)-Mirtazapine is mainly metabolized by CYP3A4 [1].
IC ₅₀ & Target	5-HT ₃ Receptor

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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