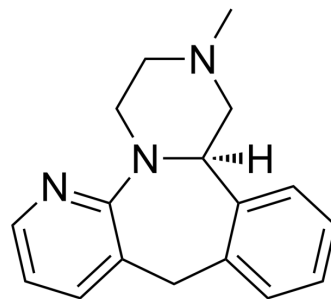


(R)-Mirtazapine

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:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA