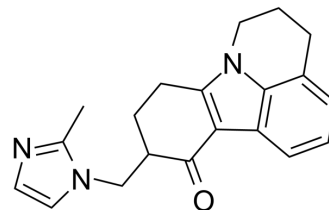


5-HT₃ antagonist 3

Cat. No.:	HY-U00322
CAS No.:	120635-47-4
Molecular Formula:	C ₂₀ H ₂₁ N ₃ O
Molecular Weight:	319.4
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	5-HT ₃ antagonist 3 (Compound 15b) is a high-affinity 5-HT ₃ receptor antagonist. 5-HT ₃ antagonist 3 binds to 5-HT ₃ receptors in rat brain cortical membranes with K _i of 0.25 nM ^[1] .
IC ₅₀ & Target	5-HT ₃ Receptor 0.25 nM (K _i)
In Vitro	Serotonin (5-HT), involved in numerous physiological and pathophysiological processes, interacts with various distinct membrane receptors ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. van Wijngaarden I, et al. Development of high-affinity 5-HT₃ receptor antagonists. Structure-affinity relationships of novel 1,7-annelated indole derivatives. J Med Chem. 1993 Nov 12;36(23):3693-9.

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