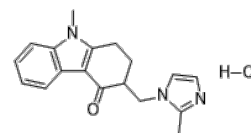


Product Name : Ondansetron hydrochloride
Cat. No. : PC-23334
CAS No. : 99614-01-4
Molecular Formula : C₁₈H₂₀ClN₃O
Molecular Weight : 329.83
Target : 5-HT Receptor
Solubility : 10 mM in DMSO



Biological Activity

Ondansetron hydrochloride (GR 38032, SN 307) is a potent, highly selective 5-HT₃ receptor antagonist with IC₅₀ of 103 pM. Ondansetron shows negligible agonist or antagonist activity on other 5-HT or non-5-HT receptor-containing tissues. Ondansetron antagonizes the bradycardic response to 5-HT or 2-methyl-5-HT administered intravenously (i.v.) to anaesthetized animals.

References

Butler A, et al. Br J Pharmacol. 1988 Jun;94(2):397-412.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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