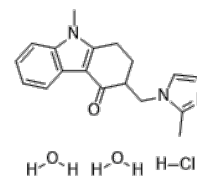


**Product Name** : Ondansetron hydrochloride dihydrate  
**Cat. No.** : PC-23335  
**CAS No.** : 103639-04-9  
**Molecular Formula** : C<sub>18</sub>H<sub>24</sub>ClN<sub>3</sub>O<sub>3</sub>  
**Molecular Weight** : 365.86  
**Target** : 5-HT Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

Ondansetron hydrochloride dihydrate (GR 38032, SN 307) is a potent, highly selective 5-HT<sub>3</sub> receptor antagonist with IC<sub>50</sub> 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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