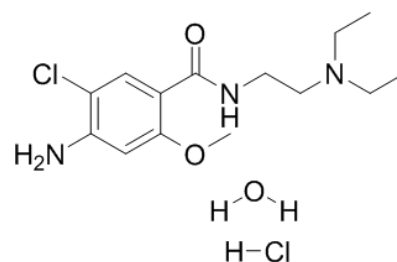


Product Name : Metoclopramide hydrochloride hydrate
Cat. No. : PC-45205
CAS No. : 54143-57-6
Molecular Formula : C₁₄H₂₅Cl₂N₃O₃
Molecular Weight : 354.2726
Target : Dopamine Receptor
Solubility : 10 mM in DMSO



Biological Activity

A potent dopamine D₂ receptor antagonist with K_i of 28 nM; also is a mixed 5-HT₃ receptor antagonist/5-HT₄ receptor agonist; commonly used to treat nausea and vomiting caused by chemotherapy.
Chemotherapeutic Agents
Phase 2 Discontinued

References

- Matsui A, et al. J Pharmacol Exp Ther. 1998 Nov;287(2):725-32.
Tonini M, et al. Pharmacol Res. 1995 May;31(5):257-60.
Bateman DN, et al. Br J Clin Pharmacol. 1978 Nov;6(5):401-7.

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

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