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DATASHEET

Eticlopride hydrochloride

Product overview

| | |
|--------------------------|------------------------------------|
| Name | Eticlopride hydrochloride |
| Cat No | HB1873 |
| Alternative names | (-)-Eticlopride |
| Biological action | Antagonist |
| Purity | >99% |
| Description | D ₂ receptor antagonist |

Biological Data

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|-------------------------------|---|
| Biological description | D ₂ receptor antagonist which also shows some activity at D ₃ and D ₄ receptors (K _i values are 0.07, 0.16, 22.3 nM at D ₂ , D ₃ and D ₄ respectively). Shows antipsychotic effects. Active <i>in vivo</i> . |
|-------------------------------|---|

Solubility & Handling

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|-----------------------------|---|
| Storage instructions | room temperature (desiccate) |
| Important | This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use. |

Chemical Data

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|---------------------------|--|
| Chemical name | 3-Chloro-5-ethyl-N-[[[(2S)-1-ethyl-2-pyrrolidinyl)methyl]-6-hydroxy-2-methoxy-benzamid e hydrochloride |
| Molecular Weight | 377.31 |
| Chemical structure | |
| Molecular Formula | C ₁₇ H ₂₅ ClN ₂ O ₃ ·HCl |
| CAS Number | 97612-24-3 |
| PubChem identifier | 57266 |
| SMILES | <chem>O=C(C2=C(OC)C(Cl)=CC(CC)=C2O)NC[C@@H]1CCCN1CC.Cl</chem> |
| InChiKey | HFJFXDHWLIKX-YDALLXLXSA-N |

References

The D3 dopamine receptor: neurobiology and potential clinical relevance.

Levant B (1997) Pharmacol Rev 49(3)

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Involvement of dopamine receptors in the antipsychotic profile of (-) eticlopride.

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Morphogenic potentials of D2, D3, and D4 dopamine receptors revealed in transfected neuronal cell lines.

Swarzenski BC *et al* (1994) *Proc Natl Acad Sci U S A* 91(2)

PubMedID [7904756](#)
