

Product datasheet

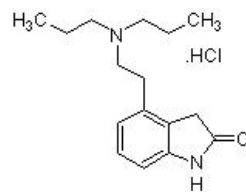
Ropinirole hydrochloride, D2-like receptor agonist ab120575

1 Image

Overview

Product name	Ropinirole hydrochloride, D2-like receptor agonist
Description	Selective D ₂ -like receptor agonist
Biological description	Selective D ₂ -like receptor agonist. Displays high affinity for D ₂ and D ₃ but little for D ₁ receptors (K _i values are 7.2, 22 and >7000 nM, respectively). Shows anti-Parkinsonian activity.
CAS Number	91374-20-8

Chemical structure



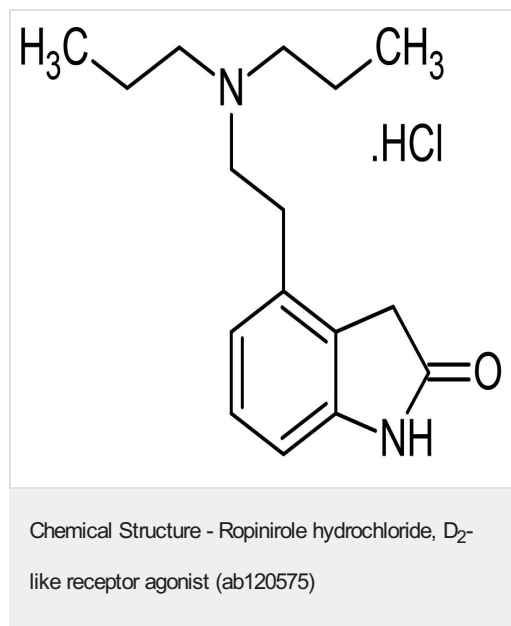
Properties

Chemical name	4-[2-(Dipropylamino)ethyl]-1,3-dihydro-2H-indol-2-one hydrochloride
Molecular weight	296.84
Molecular formula	C ₁₆ H ₂₄ N ₂ O.HCl
PubChem identifier	68727
Storage instructions	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Toxic, refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>

SMILES Cl.CCCN(CCC)CCc1cccc2NC(=O)Cc12

Source Synthetic

Images



2D chemical structure image of ab120575, Ropinirole hydrochloride, D₂-like receptor agonist

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