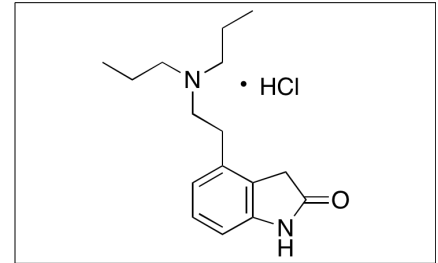




Product Information

Product ID R5661
CAS No. 91374-20-8
Chemical Name 4-[2-(Dipropylamino)-ethyl]-1,3-dihydro-2H-indol-2-one hydrochloride
Synonym SKF-101468A
Formula C₁₆H₂₄N₂O · HCl
Formula Wt. 296.84
Melting Point 241-243 °C
Purity ≥99%
Solubility Soluble in water.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
R5661	25 mg	\$88.10
R5661	100 mg	\$187.40
R5661	500 mg	\$771.90

Store Temp 4 °C

Ship Temp Ambient

Description Ropinirole is an indoline agonist at D₂/3 receptors that is clinically used to treat restless leg syndrome and Parkinson's disease. Ropinirole prevents dopaminergic neuron damage and MPTP-induced changes in motor coordination and balance in animal models, exhibiting neuroprotective benefit. Ropinirole also displays antidepressant activity, decreasing immobility time in the forced swim test.

References Park G, Park YJ, Yang HO, et al. Ropinirole protects against 1-methyl-4-phenyl-1, 2, 3, 6-tetrahydropyridine (MPTP)-induced neurotoxicity in mice via anti-apoptotic mechanism. *Pharmacol Biochem Behav.* 2013 Mar;104:163-8. PMID: 23369986.

Ferini-Strambi L. Treatment options for restless legs syndrome. *Expert Opin Pharmacother.* 2009 Mar;10(4):545-54. PMID: 19284359.

Dhir A, Kulkarni SK. Involvement of dopamine (DA)/serotonin (5-HT)/sigma (sigma) receptor modulation in mediating the antidepressant action of ropinirole hydrochloride, a D₂/D₃ dopamine receptor agonist. *Brain Res Bull.* 2007 Sep 14;74(1-3):58-65. PMID: 17683790.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.