



# LKT Laboratories, Inc.

## Ropinirole Hydrochloride

Phone: 888-558-5227  
651-644-8424  
Fax: 888-558-7329  
Email: [getinfo@lktlabs.com](mailto:getinfo@lktlabs.com)  
Web: [lktlabs.com](http://lktlabs.com)

### Product Information

**Product ID** R5661  
**CAS No.** 91374-20-8  
**Chemical Name** 4-[2-(Dipropylamino)-ethyl]-1,3-dihydro-2H-indol-2-one hydrochloride

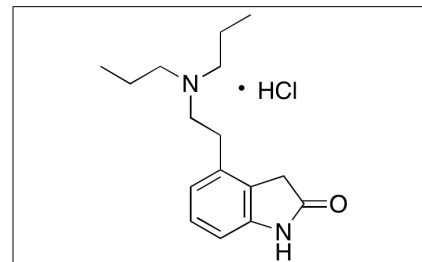
**Synonym** SKF-101468A

**Formula**  $C_{16}H_{24}N_2O \cdot HCl$   
**Formula Wt.** 296.84  
**Melting Point** 241-243 °C  
**Purity** ≥99%  
**Solubility** Soluble in water.

**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. TEST!!!!!!



### Pricing and Availability

**Bulk quantities available upon request**

Product ID	Size	List Price
R5661	25 mg	\$92.50
R5661	100 mg	\$196.80
R5661	500 mg	\$810.50

**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.