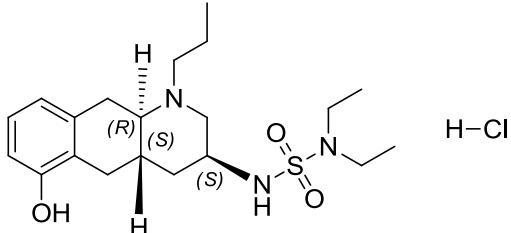




## Certificate of Analysis

<b>Product Name:</b> Quinagolide hydrochloride		<b>MedKoo Cat#:</b> 202390	
<b>Chemical name</b> (3S,4aS,10aR)-3-(diethylsulfamoylamino)-6-hydroxy-1-propyl-3,4,4a,5,10,10a-hexahydro-2H-benzo[g]quinoline hydrochloride			
<b>Synonyms</b> NORPROLAC, BRN 6074559; CV205-502.			
<b>Chemical structure</b>		<b>CAS# and Theoretical analysis</b>	
		MedKoo Code#: 202390 Name: Quinagolide hydrochloride CAS#: 94424-50-7 Lot#XC20091020 Chemical Formula: C <sub>20</sub> H <sub>34</sub> CIN <sub>3</sub> O <sub>3</sub> S Molecular Weight: 432.02  <i>Quinagolide (free base)</i> <i>Chemical Formula: C<sub>20</sub>H<sub>33</sub>N<sub>3</sub>O<sub>3</sub>S</i> <i>Exact Mass: 395.22426, Molecular Weight: 395.56</i>	
<b>Batch No.:</b> XC20091020	<b>Mfg. Date:</b> 10/20/2009	<b>Test Date:</b> 10/20/2009	<b>Retest date:</b> 10/20/2014

Analysis item	Specification	Results
Appearance	White to off-white solid powder	Complies
Structure	<sup>1</sup> H-NMR and MS spectrum of the sample correspond to the data reported in the literature	Complies
Purity (HPLC)	98%	99.0%
Solubility	Soluble in DMSO.	
Additional information:	N/A	
Conclusion	This product conforms with MedKoo's quality's standards	
Shipping condition	Ambient temperature	
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition	
Self life	At least 5 years if properly stored.	

**CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE**