

Certificate Of Analysis

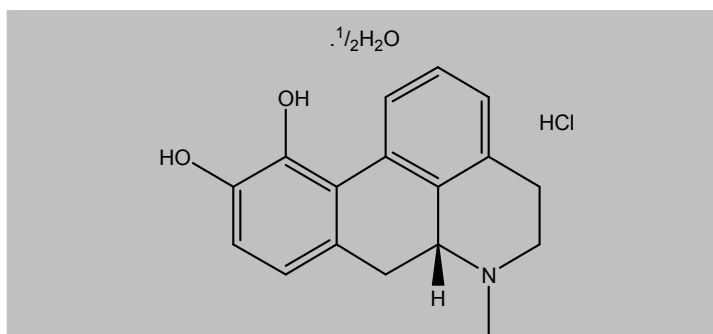
Quality Control Testing and Research Application

COA Preparation Date: 13/09/2013
COA Revision Date: 13/09/2016

Product: *R*-(-)-Apomorphine hydrochloride
Cat. No.: BG0043
Batch No.: 0043BG/01
Chemical Name: (*R*)-5,6,6a,7-Tetrahydro-6-methyl-4H-dibenzo[de,g]quinoline-10,11-diol hydrochloride

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₇H₁₇NO₂ .HCl .½H₂O
Batch Molecular Weight: 312.79
CAS No.: [41372-20-7]
Physical Appearance: Off-white solid
Melting Point:
Solubility: Soluble to 50 mM in water
Storage: RT
Batch Molecular Structure:



Product Description: **Nonselective Dopamine agonist, causes emesis and nausea. Prototypical Dopamine agonist (pK_i values are 6.43, 7.08, 7.59, 8.36 and 7.83 for human recombinant D₁, D_{2L}, D₃, D₄ and D₅ respectively).**

References: 1. Millan et al. (2002) J Pharmacol Exp Ther 303:791

- CAUTION - Not fully tested. For Research use only. Not for human use. -



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BG0043 *R*-(-)-Apomorphine hydrochloride

2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: HPLC Assay: > 99% (complies).

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