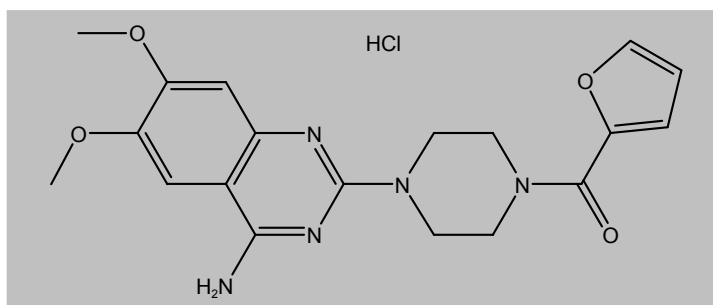


Certificate Of Analysis
Quality Control Testing and Research ApplicationCOA Preparation Date: 23/09/2013
COA Revision Date: 23/09/2016

Product: Prazosin hydrochloride
Cat. No.: BG0291
Batch No.: 0291BG/01
Chemical Name: [4-(4-Amino-6,7-dimethoxy-quinazolin-2-yl)piperazin-1-yl]-(2-furyl)methanone hydrochloride

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₉H₂₁N₅O₄ .HCl
Batch Molecular Weight: 419.86
CAS No.: [19237-84-4]
Physical Appearance: White solid
Melting Point: 282 - 284° C
Solubility: Soluble to 25 mM in DMSO or to 5 mM in ethanol
Storage: RT
Batch Molecular Structure:



Product Description: An α_1 ($K_D = 0.1$ nM, rat), α_{2B} ($K_i = 31.6$ nM) and α_{2C} ($K_i = 31.6$ nM) adrenoceptor antagonist. Also a potent Melatonin MT₃ receptor antagonist ($K_i = 10.2$ nM).

References: 1. Reader et al. (1987) J Neural Transm 68:79; 2. Paul et al. (1999) J Pharmacol Exp Ther 290:334; 3. Alexander et al. (2005) Br J Pharmacol 144:S4

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



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BG0291 Prazosin hydrochloride

2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: Residue on ignition: 0.04% (complies); Heavy Metals: < 20 ppm (complies);
HPLC Assay: > 99% (complies).

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