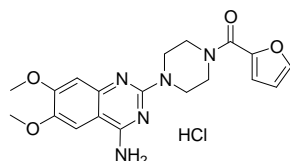




Certificate of Analysis

Axon Catalogue ID: 2040 **Batch Number:** 1
Product Name: Furazosin hydrochloride
Alternative Name(s): Prazosin hydrochloride; Minipress; NSC 292810; CP 12299-1
IUPAC Name: (4-(4-amino-6,7-dimethoxyquinazolin-2-yl)piperazin-1-yl)(furan-2-yl)methanone hydrochloride

Structure:



Amount:

CAS number: 19237-84-4 **MW:** 419.86
Batch Molecular Formula: C₁₉H₂₁N₅O₄.HCl **Batch MW:** 419.86
Appearance: White solid **Observed mp:** >275 °C (dec.)
TLC (R_f): 0.4 (t) DCM/MeOH (9:1)
Chemical Purity: 99.4%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: C, H, and N fit within 0,4% of theoretical calculation

Storage Conditions: Desiccate at +4°C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0	0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	15	36	Soluble *
	EtOH			Not Tested

Remarks: * Sonication enhanced solubility

QC Date: 3/25/2013

The purity of Axon products is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only