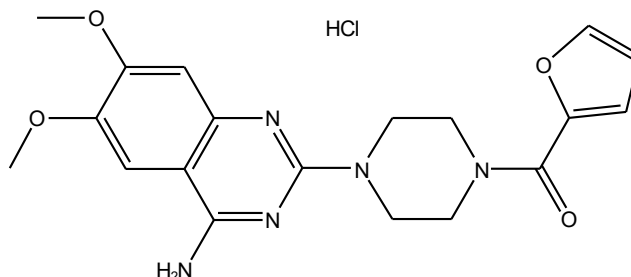


Prazosin hydrochloride [19237-84-4]

#Cat: NB-48-0767-100MG Size:100mg



Product Information

Batch No.:	0291BG/01
Chemical Name:	[4-(4-Amino-6,7-dimethoxy-quinazolin-2-yl)piperazin-1-yl]-(2-furyl) methanone hydrochloride
Batch Molecular Formula:	C ₁₉ H ₂₁ N ₅ O ₄ .HCl
Batch Molecular Weight:	419.86
CAS No.:	[19237-84-4]
Physical Appearance:	White solid
Melting Point:	282 - 284° C
Storage:	RT

Solvent and solubility

Soluble to 25 mM in DMSO or to 5 mM in ethanol

Biological activity

An α_1 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

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).

For Research use only. Not for human use