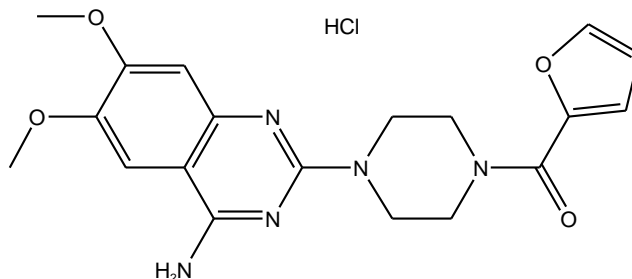


Prazosin hydrochloride

Cat # NB-48-0767



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 ($K_D = 0.1$ 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

For Research use only. Not for human use

NB-48-0767 Prazosin hydrochloride

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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