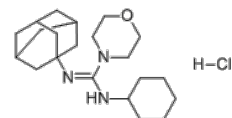


Product Name : PNU37883A
Cat. No. : PC-21738
CAS No. : 57568-80-6
Molecular Formula : C₂₁H₃₆ClN₃O
Molecular Weight : 381.99
Target : Potassium Channel
Solubility : 10 mM in DMSO



Biological Activity

PNU37883A (PNU37883 hydrochloride) is a selective vascular ATP-sensitive potassium (Kir6, KATP) channels blocker with IC₅₀ of 6 μ M and 15 μ M for Kir6.1/SUR2B and Kir6.2/SUR2B, respectively.

PNU-37883A significantly inhibits currents generated by expressing Kir6.2 Δ 26 alone with IC₅₀ of 5 μ M.

PNU37883A produces a concentration-dependent attenuation of the relaxation of agmatine (100 μ M) in phenylephrine- or KCl- precontracted aortic rings.

References

Yi Cui, et al. Br J Pharmacol. 2003 May;139(1):122-8.

Guang-Yuan Mar, et al. Int J Exp Pathol. 2013 Feb;94(1):17-24.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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