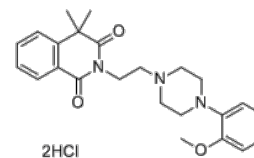


Product Name : ARC 239 dihydrochloride
Cat. No. : PC-60704
CAS No. : 55974-42-0
Molecular Formula : C₂₄H₂₉N₃O₃·2HCl
Molecular Weight : 480.43
Target : Adrenergic Receptor
Solubility : 10 mM in DMSO



Biological Activity

ARC 239 dihydrochloride is a potent, selective **α₂B adrenoceptor** antagonist with pK_d of 8.8, 200-fold selectivity over α₂A, and α₂D receptors.

ARC 239 competitively antagonizes pressor responses to adrenaline and inhibits pressor responses to noradrenaline, phenylephrine, tyramine, and dimethylphenylpiperazinium in rats and dogs.

References

- Mouillé P, et al. J Cardiovasc Pharmacol. 1980;2(2):175-91.
Bylund D, et al. J Pharmacol Exp Ther. 1988 May;245(2):600-7.
Bylund DB, et al. J Pharmacol Exp Ther. 1989 Nov;251(2):640-4.

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

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