

Product Name : ARC 239 dihydrochloride

Synonyms : ARC-239;ARC239

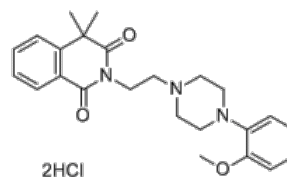
Cat No. : M15036

CAS Number : 55974-42-0

Molecular Formula : C₂₄H₂₉N₃O₃.2HCl

Formula Weight : 480.43

Chemical Name : 2-[2-(4-(2-Methoxyphenyl)piperazin-1-yl)ethyl]-4,4-dimethyl-1,3-(2H,4H)-isoquinolindione dihydrochloride



Description : A potent, selective α 2B adrenoceptor antagonist with pK_d of 8.8, 200-fold selectivity over α 2A, and α 2D receptors; competitively antagonizes pressor responses to adrenaline and inhibits pressor responses to noradrenaline, phenylephrine, tyramine, and dimethylphenylpiperazinium in rats and dogs.

Pathway : Angiogenesis

Target : Adrenergic Receptor

Receptor : Adrenergic Receptor

Solubility : —

SMILES : CC1(C2=CC=CC=C2C(=O)N(C1=O)CCN3CCN(CC3)C4=CC=CC=C4OC)C.Cl.Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Mouillé P, et al. J Cardiovasc Pharmacol. 1980;2(2):175-91. | 2. Bylund D, et al. J Pharmacol Exp Ther. 1988 May;245(2):600-7. | 3. Bylund DB, et al. J Pharmacol Exp Ther. 1989 Nov;251(2):640-4.