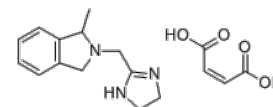


Product Name : BRL-44408 maleate
Cat. No. : PC-60703
CAS No. : 681806-46-2
Molecular Formula : C₁₇H₂₁N₃O₄
Molecular Weight : 331.372
Target : Adrenergic Receptor
Solubility : 10 mM in DMSO



Biological Activity

BRL-44408 maleate is a potent, selective **α2A-adrenoceptor** antagonist with K_i of 1.7 nM, 80-fold selectivity over α2B-adrenergic receptors.

BRL-44408 maleate significantly increases stimulated noradrenaline release in rat locus coeruleus slices at 0.1-1 uM, significantly increases the electrically induced release in rats.

References

Kiss JP, et al. Brain Res. 1995 Mar 20;674(2):238-44.

Callado LF, et al. Eur J Pharmacol. 1999 Jan 29;366(1):35-9.

Young P, et al. Eur J Pharmacol. 1989 Sep 22;168(3):381-6.

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

E-mail: tech@probechem.com