

Product Name : BRL 44408 maleate

Synonyms : BRL44408;BRL-44408

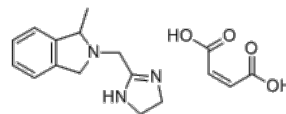
Cat No. : M15602

CAS Number : 681806-46-2

Molecular Formula : C₁₇H₂₁N₃O₄

Formula Weight : 331.37

Chemical Name : 2-[(4,5-Dihydro-1H-imidazol-2-yl)methyl]-2,3-dihydro-1-methyl-1H-isoindole maleate



Description : A potent, selective α 2A-adrenoceptor antagonist with K_i of 1.7 nM, 80-fold selectivity over α 2B-adrenergic receptors; significantly increases stimulated noradrenaline release in rat locus coeruleus slices at 0.1-1 μ M, significantly increases the electrically induced release in rats.

Pathway : Angiogenesis

Target : Adrenergic Receptor

Receptor : Adrenergic Receptor

Solubility : —

SMILES : CC1N(CC2=NCCN2)CC3=C1C=CC=C3.O=C(O)/C=C/C(O)=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Kiss JP, et al. Brain Res. 1995 Mar 20;674(2):238-44. | 2. Callado LF, et al. Eur J Pharmacol. 1999 Jan 29;366(1):35-9. | 3. Young P, et al. Eur J Pharmacol. 1989 Sep 22;168(3):381-6.