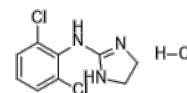


Product Name : Clonidine hydrochloride
Cat. No. : PC-23250
CAS No. : 4205-91-8
Molecular Formula : C₉H₁₀Cl₃N₃
Molecular Weight : 266.55
Target : Adrenergic Receptor
Solubility : 10 mM in DMSO



Biological Activity

Clonidine hydrochloride is a potent alpha 2-adrenergic receptor (α 2AR) agonist with K_i of 3.8 nM, also binds to I1 imidazoline receptor (I1R) with K_i of 14.1 nM, a centrally acting antihypertensive agent.

References

Gasparik V, et al. J Med Chem. 2015 Jan 22;58(2):878-87.

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

E-mail: tech@probechem.com