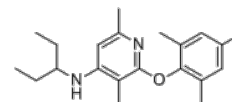


Product Name : CP 376395
Cat. No. : PC-61268
CAS No. : 175140-00-8
Molecular Formula : C₂₁H₃₀N₂O
Molecular Weight : 326.484
Target : CRF Receptor
Solubility : 10 mM in DMSO



Biological Activity

CP376395 is a potent, selective and orally active **CRF1 receptor** antagonist with K_i of 12 nM, shows no affinity for CRF2 receptor (K_i>10 μM).

CP376395 significantly attenuates activation of the HPA axis (MED=10 mg/kg, p.o), reverses the excitation of locus coeruleus neurons induced by CRF in CNS in vivo.

References

Chen YL, et al. *J Med Chem.* 2008 Mar 13;51(5):1385-92.

Blacktop JM, et al. *J Neurosci.* 2011 Aug 3;31(31):11396-403.

Simms JA, et al. *Addict Biol.* 2014 Jul;19(4):606-11.

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

E-mail: tech@probechem.com