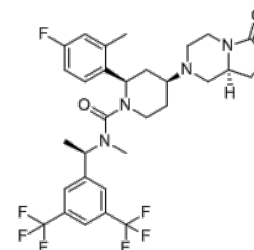


Product Name : Orvepitant
Cat. No. : PC-61552
CAS No. : 579475-18-6
Molecular Formula : C₃₁H₃₅F₇N₄O₂
Molecular Weight : 628.623
Target : Neurokinin Receptor
Solubility : 10 mM in DMSO



Biological Activity

Orvepitant (GW823296) is a potent and selective, brain penetrant **NK1 receptor** antagonist with pKi of 10.2. Orvepitant exhibits an excellent, dose dependent inhibition of foot tapping in gerbils after oral administration with an ID50 of 0.11 mg/kg. Orvepitant shows antidepressant effects.

References

- Di Fabio R, et al. *Bioorg Med Chem*. 2013 Nov 1;21(21):6264-73.
Ratti E, et al. *J Psychopharmacol*. 2013 May;27(5):424-34.
Trower MK, et al. *Exp Dermatol*. 2014 Nov;23(11):858-60.

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

E-mail: tech@probechem.com