

Product Name	: Vofopitant dihydrochloride
Synonyms	: —
Cat No.	: M33169
CAS Number	: 168266-51-1
Molecular Formula	: C ₂₁ H ₂₅ Cl ₂ F ₃ N ₆ O
Formula Weight	: 505.36
Chemical Name	: —
Description	Vofopitant dihydrochloride (GR 205171A) is a potent, selective and orally available tachykinin neurokinin 1(NK1) receptor antagonist, inhibits [³ H]SP binding to the NK1 receptor with pK _i values of 9.5 and 10.6 in rat and human membranes respectively, acts as a potential broad-spectrum anti-emetic agent.
Pathway	: GPCR/G Protein
Target	: Neurokinin Receptor
Receptor	: Neurokinin receptor
Solubility	: In Vitro: ?H ₂ O : 33.33 mg/mL (65.95 mM; Ultrasonic) DMSO : 33.33 mg/mL (65.95 mM; Ultrasonic)
SMILES	: Cl.Cl.COC1ccc(cc1CN[C@H]1CCCN[C@H]1c1ccccc1)-n1nnnc1C(F)(F)F
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Gardner CJ, et al. GR205171: a novel antagonist with high affinity for the tachykinin NK1 receptor, and potent broad-spectrum anti-emetic activity. Regul Pept. 1996 Aug 27;65(1):45-53.