

Product Name : NKP-608

Synonyms : NK 608;NK608

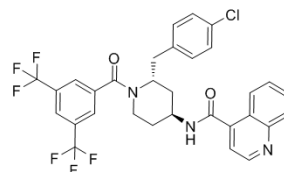
Cat No. : M12675

CAS Number : 177707-12-9

Molecular Formula : C₃₁H₂₄ClF₆N₃O₂

Formula Weight : 619.98

Chemical Name : 4-Quinolinecarboxamide, N-[(2R,4S)-1-[3,5-bis(trifluoromethyl)benzoyl]-2-[(4-chlorophenyl)methyl]-4-piperidyl]-



Description : A non-peptidic, specific, potent and orally active NK1 receptor antagonist with IC₅₀ of 2.6 nM; exhibits an anxiolytic-like effect in the social interaction and social exploration test in rats; orally active. Irritable Bowel Syndrome Discontinued

Pathway : GPCR/G Protein

Target : Neurokinin Receptor

Receptor : Neurokinin Receptor

Solubility : 10 mM in DMSO

SMILES : O=C(C1=CC=NC2=CC=CC=C12)N[C@@H]3C[C@@H](CC4=CC=C(Cl)C=C4)N(C(C5=CC(C(F)(F)F)=CC(C(F)(F)F)=C5)=O)CC3

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Gentsch C, et al. Behav Brain Res. 2002 Jul 18;133(2):363-8. 2. Vassout A, et al. Regul Pept. 2000 Dec 22;96(1-2):7-16. 3. Coulson FR, et al. Inflamm Res. 2002 Jul;51(7):317-23.