

Product Name : JNJ-26070109

Synonyms : JNJ 26070109; JNJ26070109

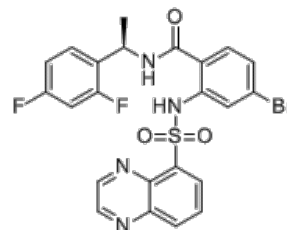
Cat No. : M16137

CAS Number : 844645-08-5

Molecular Formula : C₂₃H₁₇BrF₂N₄O₃S

Formula Weight : 547.37

Chemical Name : (R)-4-Bromo-N-[1-(2,4-difluorophenyl)ethyl]-2-[[[quinoxalin-5-yl)sulfonyl]amino]benzamide



Description : A novel, potent, selective orally active CCK-2 receptor antagonist with pK_i of 8.49 for hCCK2; displays >1200-fold selectivity over hCCK1 receptor; has oral EC₅₀ of 1.5 and 0.26 μM in conscious rat and dog chronic gastric fistula models of pentagastrin-stimulated acid secretion, respectively; inhibits gastric acid secretion and prevents omeprazole-induced acid rebound in the rats.

Pathway : GPCR/G Protein

Target : Cholecystokinin Receptor

Receptor : Cholecystokinin Receptor

Solubility : —

SMILES : O=C(N[C@@H](C1=CC=C(F)C=C1F)C)C2=CC=C(Br)C=C2NS(=O)(=O)C3=C4N=CC=NC4=CC=C3=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Morton MF, et al. J Pharmacol Exp Ther. 2011 Jul;338(1):328-36. 2. Barrett TD, et al. Br J Pharmacol. 2012 Jul;166(5):1684-93.