

Product Name : JNJ 39220675

Synonyms : JNJ39220675; JNJ-39220675

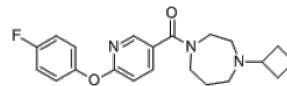
Cat No. : M16848

CAS Number : 959740-39-7

Molecular Formula : C₂₁H₂₄FN₃O₂

Formula Weight : 369.44

Chemical Name : (4-cyclobutyl-1,4-diazepan-1-yl)(6-(4-fluorophenoxy)pyridin-3-yl)methanone



Description : JNJ 39220675 is potent and selective, brain penetrant H3 antagonist with K_i of 1.4 nM, pA₂ of 9.42 for hH₃; dose-dependently reduces both alcohol intake and preference in alcohol-preferring rats, reduces alcohol self-administration without changing saccharin self-administration in alcohol non-dependent rats. Other Indication Phase 2 Discontinued

Pathway : GPCR/G Protein

Target : Histamine Receptor

Receptor : Histamine Receptor

Solubility : —

SMILES : O=C(N1CCCN(C2CCC2)CC1)c3cnc(Oc4ccc(F)cc4)cc3

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Letavic MA, et al. Bioorg Med Chem Lett. 2010 Jul 15;20(14):4210-4. | 2. Galici R, et al. Psychopharmacology (Berl). 2011 Apr;214(4):829-41. | 3. Nuutinen S, et al. Neuropharmacology. 2016 Jul;106:156-63. | 4. Vanhanen J, et al. Br J Pharmacol. 2013 Sep;170(1):177-87.