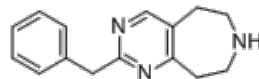


Product Name : PF-03246799
Synonyms : PF 03246799; PF03246799; PF-3246799
Cat No. : M10282
CAS Number : 1065110-62-4
Molecular Formula : C₁₅H₁₇N₃
Formula Weight : 239.32
Chemical Name : 2-benzyl-6,7,8,9-tetrahydro-5H-pyrimido[4,5-d]azepine



Description : A potent and selective 5-HT_{2C} receptor agonist with EC₅₀ of 190 nM, with excellent selectivity for 5-HT_{2C} over 5-HT_{2A}; has minimal activation at either the 5-HT_{2A} or 5-HT_{2B} receptors, demonstrates robust efficacy in preclinical canine model of stress urinary incontinence (SUI) and attractive pharmacokinetic and safety properties.

Pathway : Endocrinology/Hormones

Target : 5-HT Receptor

Receptor : 5-HT Receptor

Solubility : —

SMILES : C12=NC(CC3=CC=CC=C3)=NC=C1CCNCC2

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Andrews MD, et al. Bioorg Med Chem Lett. 2011 May 1;21(9):2715-20. | 2. Dvorak CA, et al. ACS Med Chem Lett. 2015 Jul 20;6(9):1015-8.