

Product Name	: PF-592379
Synonyms	: PF592379; PF 592379
Cat No.	: M15724
CAS Number	: 710655-15-5
Molecular Formula	: C ₁₃ H ₂₁ N ₃ O
Formula Weight	: 235.33
Chemical Name	: 5-[(2R,5S)-5-methyl-4-propylmorpholin-2-yl]pyridin-2-amine
Description	: A potent, selective, orally active agonist of dopamine D3 receptor with EC ₅₀ of 21 nM; displays >470 and 180-fold functional selectivity over D2 and D4 dopamine receptors, respectively; demonstrates activity in animal models of male erectile dysfunction. Sexual Dysfunction Preclinical
Pathway	: GPCR/G Protein
Target	: Dopamine Receptor
Receptor	: Dopamine Receptor
Solubility	: —
SMILES	: <chem>CCCN1CC(OCC1C)C2=CN=C(C=C2)N</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Atkins N, et al. Xenobiotica. 2010 Nov;40(11):730-42. | 2. Collins GT, et al. Behav Pharmacol. 2012 Jun;23(3):280-91. | 3. Thomsen M, et al. J Pharmacol Exp Ther. 2017 Jul;362(1):161-176.

