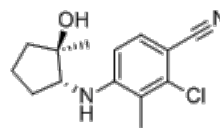


Product Name : LY305
Synonyms : LY 305;LY-305
Cat No. : M11820
CAS Number : 1430230-83-3
Molecular Formula : C₁₄H₁₇ClN₂O
Formula Weight : 264.75
Chemical Name : 2-chloro-4-(((1R,2R)-2-hydroxy-2-methylcyclopentyl)amino)-3-methylbenzonitrile
Description : LY305 (LY-305) is a non-steroidal selective androgen receptor modulator (SARM) with K_i of 2.03 nM, demonstrates potent agonist activity in the aforementioned C2C12 cellular assay (EC₅₀=0.499 nM); displays little to no affinity for GR, PR and MR (K_i>800 nM); shows the desired muscle and prostate effects in a preclinical ORX rat model.
Pathway : Endocrinology/Hormones
Target : Androgen Receptor (AR)
Receptor : Androgen Receptor (AR)
Solubility : —
SMILES : —
Storage : (-20°C)
Stability : ≥ 2 years
Reference :



1. Krishnan V, et al. Andrology. 2018 Mar 12. doi: 10.1111/andr.12479. 2. Saeed A, et al. J Med Chem. 2016 Jan 28;59(2):750-5.