

Product Name	: LY-2562175
Synonyms	: LY2562175; LY 2562175
Cat No.	: M10397
CAS Number	: 1103500-20-4
Molecular Formula	: C ₂₈ H ₂₇ Cl ₂ N ₃ O ₄
Formula Weight	: 540.44
Chemical Name	: 6-(4-((5-cyclopropyl-3-(2,6-dichlorophenyl)isoxazol-4-yl)methoxy)piperidin-1-yl)-1-methyl-1H-indole-3-carboxylic acid
Description	: LY-2562175 (LY2562175, LY 2562175) is a novel potent, selective, partial FXR agonist with EC ₅₀ of 193 nM; does not promote transcriptional activation of other nuclear receptor, such as GR, PR, MR and AR (EC ₅₀ >10 uM); lowers LDL and triglycerides while raising HDL in preclinical species. Dyslipidemia Preclinical
Pathway	: Metabolic Enzyme/Protease
Target	: FXR
Receptor	: FXR
Solubility	: DMSO : 62.5 mg/mL 115.65 mM; H ₂ O : < 0.1 mg/mL
SMILES	: <chem>O=C(C1=CN(C)C2=C1C=CC(N3CCC(OCC4=C(C5CC5)ON=C4C6=C(Cl)C=CC=C6Cl)CC3)=C2)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Genin MJ, et al. J Med Chem. 2015 Dec 24;58(24):9768-72.

