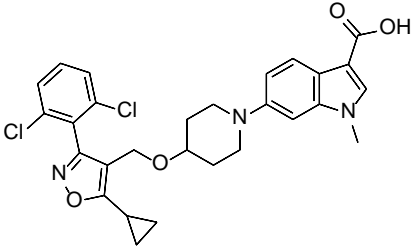


Product data sheet



MedKoo Cat#: 522514 Name: LY2562175 CAS: 1103500-20-4 Chemical Formula: C ₂₈ H ₂₇ Cl ₂ N ₃ O ₄ Exact Mass: 539.1379 Molecular Weight: 540.441	
Product supplied as:	Powder
Purity (by HPLC):	≥ 98%
Shipping conditions	Ambient temperature
Storage conditions:	Powder: -20°C 3 years; 4°C 2 years. In solvent: -80°C 3 months; -20°C 2 weeks.

1. Product description:

LY2562175 is a potent and selective FXR agonist in vitro and has robust lipid modulating properties, lowering LDL and triglycerides while raising HDL in preclinical species. The preclinical ADME properties of LY2562175 were consistent with enabling once daily dosing in humans, and it was ultimately advanced to the clinic for evaluation in humans. LY2562175 promotes transcriptional activation of human FXR in a cell-based cotransfection assay with an EC₅₀ of 193 nM (geometric mean).

2. CoA, QC data, SDS, and handling instruction

SDS and handling instruction, CoA with copies of QC data (NMR, HPLC and MS analytical spectra) can be downloaded from the product web page under “QC And Documents” section. Note: copies of analytical spectra may not be available if the product is being supplied by MedKoo partners. Whether the product was made by MedKoo or provided by its partners, the quality is 100% guaranteed.

3. Solubility data

Solvent	Max Conc. mg/mL	Max Conc. mM
DMF	20.0	37.01
DMSO	64.17	118.73
DMSO:PBS (pH 7.2) (1:3)	0.25	0.46
Ethanol	1.5	2.78

4. Stock solution preparation table:

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
1 mM	1.85 mL	9.25 mL	18.50 mL
5 mM	0.37 mL	1.85 mL	3.70 mL
10 mM	0.19 mL	0.93 mL	1.85 mL
50 mM	0.04 mL	0.19 mL	0.37 mL

5. Molarity Calculator, Reconstitution Calculator, Dilution Calculator

Please refer the product web page under section of “Calculator”

6. Recommended literature which reported protocols for in vitro and in vivo study

In vitro study

TBD

In vivo study

TBD

7. Bioactivity

Biological target:

LY2562175 is a potent and selective FXR agonist, with an EC₅₀ of 193 nM.

In vitro activity

Product data sheet



TBD

In vivo activity

TBD

Note: The information listed here was extracted from literature. MedKoo has not independently retested and confirmed the accuracy of these methods. Customer should use it just for a reference only.