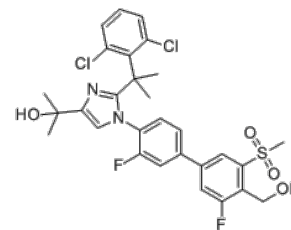


Product Name : BMS-852927
Cat. No. : PC-61593
CAS No. : 1256918-39-4
Molecular Formula : C₂₉H₂₈Cl₂F₂N₂O₄S
Molecular Weight : 609.51
Target : Liver X Receptor (LXR)
Solubility : 10 mM in DMSO



Biological Activity

BMS-852927 (XL041) is a highly potent liver X receptor β (**LXR β**) agonist with K_i of 12 and 19 nM for LXR β and LXR α , respectively.

BMS-852927 demonstrates robust LXR β activity (88%, EC₅₀=24 nM) with low partial LXR α agonist activity (<25%) in cell assays.

BMS-852927 exhibits desired blood cell ABCG1 gene induction in cynomolgus monkeys with limited elevation of plasma triglycerides.

BMS-852927 has favorable combination of in vitro properties, excellent pharmacokinetic parameters, and a favorable lipid profile.

References

Kick EK, et al. *ACS Med Chem Lett.* 2016 Oct 23;7(12):1207-1212.

Kirchgessner TG, et al. *Cell Metab.* 2016 Aug 9;24(2):223-33.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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