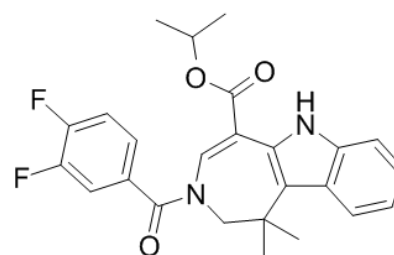


Product Name : WAY-362450
Cat. No. : PC-45904
CAS No. : 629664-81-9
Molecular Formula : C₂₅H₂₄F₂N₂O₃
Molecular Weight : 438.4665
Target : Farnesoid X Receptor (FXR)
Solubility : DMSO: 15 mg/mL



Biological Activity

WAY-362450 (Turofexorate isopropyl, XL335) highly potent, selective, and orally active agonist of **FXR** with EC₅₀ of 4 nM. WAY-362450 shows no significant cross-reactivity with a panel of nuclear receptors, including LXR, PPAR, RAR, RXR, GR, etc. WAY-362450 attenuates liver inflammation and fibrosis in murine model of non-alcoholic steatohepatitis, and promotes cholesterol lowering in models of dyslipidemia.

References

Flatt B, et al. *J Med Chem*. 2009 Feb 26;52(4):904-7.

Zhang S, et al. *J Hepatol*. 2009 Aug;51(2):380-8.

Evans MJ, et al. *Am J Physiol Gastrointest Liver Physiol*. 2009 Mar;296(3):G543-52.

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

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