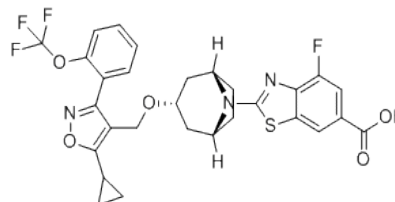


Data Sheet

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Product Name	:Tropifexor
Cat.No.	:URK-V590
CAS No.	:1383816-29-2
Molecular Formula	:C ₂₉ H ₂₅ F ₄ N ₃ O ₅ S
Molecular Weight	:603.589
Target	:Farnesoid X Receptor (FXR)
Solubility	:10 mM in DMSO



Biological Activity

Tropifexor (LJN-452, LJN452) is a novel highly potent, selective, orally active FXR full agonist with EC₅₀ of 0.26 nM; shows no significant off-target activity (>10,000-fold selectivity for FXR) in a panel of targets, including TGR5 (>10 μM); demonstrates *in vivo* activity in rodent PD models, and shows potential for treatment of cholestatic liver diseases and NASH. Steatohepatitis
Phase 2 Clinical

References

Tully DC, et al. J Med Chem. 2017 Dec 8. doi: 10.1021/acs.jmedchem.7b00907

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

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