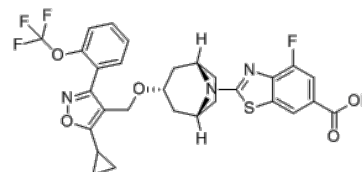


**Product Name** : Tropifexor  
**Cat. No.** : PC-60056  
**CAS No.** : 1383816-29-2  
**Molecular Formula** : C<sub>29</sub>H<sub>25</sub>F<sub>4</sub>N<sub>3</sub>O<sub>5</sub>S  
**Molecular Weight** : 603.589  
**Target** : Farnesoid X Receptor (FXR)  
**Solubility** : 10 mM in DMSO



## Biological Activity

Tropifexor (LJN-452, LJN452) is a novel highly potent, selective, orally active **FXR** full agonist with EC<sub>50</sub> of 0.26 nM. Tropifexor (LJN-452, LJN452) shows no significant off-target activity (>10,000-fold selectivity for FXR) in a panel of targets, including TGR5 (>10 μM). Tropifexor (LJN-452, LJN452) demonstrates in vivo activity in rodent PD models, and shows potential for treatment of cholestatic liver diseases and NASH.

## 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!**

E-mail: tech@probechem.com