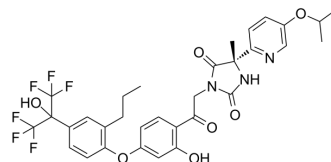


## LXR $\beta$ agonist-2

Cat. No.:	HY-100469
CAS No.:	1949801-52-8
Molecular Formula:	C <sub>32</sub> H <sub>31</sub> F <sub>6</sub> N <sub>3</sub> O <sub>7</sub>
Molecular Weight:	683.59
Target:	LXR
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	LXR $\beta$ agonist-2 is a highly potent and $\beta$ -selective liver X receptor (LXR $\beta$ ) agonist with EC <sub>50</sub> of 7 nM, displays 28.5-fold selectivity over LXR $\alpha$ (EC <sub>50</sub> =200 nM) and used in the treatment of atherosclerosis <sup>[1]</sup> .
IC <sub>50</sub> & Target	EC <sub>50</sub> : 7 nM (LXR $\beta$ ), 200 nM (LXR $\alpha$ ) <sup>[1]</sup>

### REFERENCES

[1]. Koura M, et al. Discovery of a 2-hydroxyacetophenone derivative as an outstanding linker to enhance potency and  $\beta$ -selectivity of liver X receptor agonist. *Bioorg Med Chem.* 2016 Aug 15;24(16):3436-46.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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