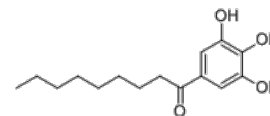


Product Name : THPN
Cat. No. : PC-60381
CAS No. : 100079-26-3
Molecular Formula : C₁₅H₂₂O₄
Molecular Weight : 266.34
Target : Nur77 (NR4A1)
Solubility : 10 mM in DMSO



Biological Activity

THPN is a potent specific agonist of nuclear receptor TR3 (**Nur77**) with K_d of 270 nM for Nur77 LDB, induces melanoma autophagy through a mitochondrial signaling pathway.

THPN binds TR3 to facilitate the interaction with Nix, induces TR3 localization to MIM.

THPN significantly represses tumor growth in xenograft mouse model.

THPN is a chemical probe to study TR3-mediated signal transduction pathway.

References

Wang WJ, et al. *Chem Biol*. 2015 Aug 20;22(8):1040-51.

Wang WJ, et al. *Nat Chem Biol*. 2014 Feb;10(2):133-40.

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

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