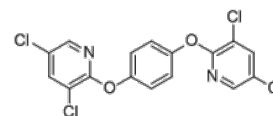


Product Name : TCPOBOP
Cat. No. : PC-49718
CAS No. : 76150-91-9
Molecular Formula : C₁₆H₈Cl₄N₂O₂
Molecular Weight : 402.05
Target : Constitutive androstane receptor (CAR)
Solubility : 10 mM in DMSO



Biological Activity

TCPOBOP is a phenobarbital-like class of CYP-inducing agent and agonist ligand for constitutive androstane receptor (CAR) with EC₅₀ of 20 nM.

TCPOBOP competes directly for occupancy of the CAR LBD.

TCPOBOP enhances CAR interaction with the coactivator SRC-1 in vivo and in vitro.

References

Wei P, et al. Nature. 2000 Oct 19;407(6806):920-3.

Tzamelis I, et al. Mol Cell Biol. 2000 May;20(9):2951-8.

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

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