

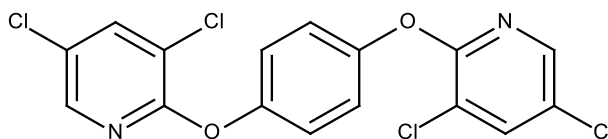
Catalog # 10-1088

TCPOBOP

CAS# 76150-91-9

1,4-Bis-[2-(3,5-dichloropyridyloxy)]benzene

Lot # FBA5118



TCPOBOP is an activator of the mouse constitutive androstane receptor (mCAR) and human Pregnane X receptor.1 Tumor promoter of mouse hepatocarcinogenesis

- 1) Tzamei *et al* (2000) *The xenobiotic compound 1,4-bis[2-(3,5-dichloropyridyloxy)]benzene is an agonist ligand for the nuclear receptor CAR*. Mol.Cell.Biol. **20** 2951
- 2) Diwan *et al.* (1992) *Tumor-promoting and hepatocarcinogenic effects of 1,4-bis[2-(3,5-dichloropyridyloxy)]benzene (TCPOBOP) in DBA/2Ncr and C57BL/6Ncr mice and an apparent promoting effect on nasal cavity tumors but not on hepatocellular tumors in F344/NCr rats initiated with N-nitrosodiethylamine*. Carcinogenesis **13** 1893

PHYSICAL DATA

Molecular Weight:	402.06
Molecular Formula:	C ₁₆ H ₈ Cl ₄ N ₂ O ₂
Purity:	98% by TLC (50% Methylene chloride/hexanes; R _f = 0.39)
	NMR: Conforms
Solubility:	DMSO (5 mg/mL)
Physical Description:	White
Storage and Stability:	Store as supplied at room temperature for up to 2 years from the date of purchase. Protect from exposure to moisture. Solutions in DMSO may be stored at -20°C for up to 1 week.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.