

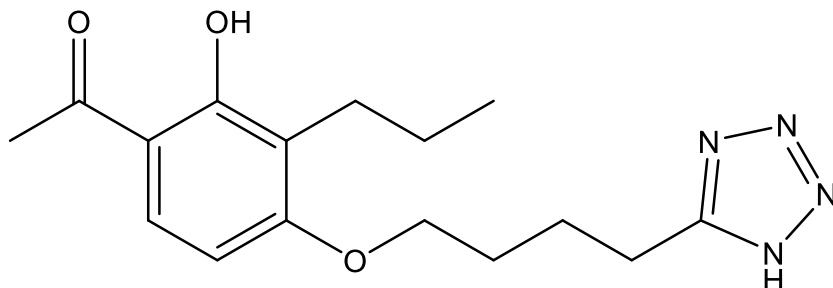
Catalog # 10-1052

LY171883

CAS# 88107-10-2

1-[2-Hydroxy-3-propyl-4-[4-(1H-tetrazol-5-yl)butoxy]phenyl]ethanone

Lot # X101144



LY171883 is a selective and orally active leukotriene D4 (LTD4) antagonist ($K_i = 0.63 \mu\text{M}$).¹ It is also an activator of peroxisome proliferator-activated receptors (PPAR's).^{2,3}

- 1) Fleisch *et al.* (1985), LY171883, 1-less than 2-hydroxy-3-propyl-4-less than 4-(1H-tetrazol-5-yl)butoxy greater than phenyl greater than ethanone, an orally active leukotriene D4 antagonist, *J.Pharmacol.Exp.Ther.*, **233** 148.
- 2) Foxworthy and Eacho (1991) *Effect of the peroxisome proliferator LY171883 on triglyceride accumulation in rats fed a fat-free diet.* *Biochem.Pharmacol.* **42** 1487
- 3) Kliewer *et al.* (1994) *Differential expression and activation of a family of murine peroxisome proliferator-activated receptors.* *Proc.Natl.Acad.Sci.USA* **91** 7355

PHYSICAL DATA

Molecular Weight:	318.37
Molecular Formula:	C ₁₆ H ₂₂ N ₄ O ₃
Purity:	>98% by TLC (20% Ethyl acetate/hexanes; R _f = 0.24) NMR: Conforms
Solubility:	DMSO (up to 30 mg/ml); Ethanol (up to 15 mg/mL)
Physical Description:	White solid
Storage and Stability:	Store as supplied at -20°C for up to 2 years from the date of purchase. Protect from exposure to moisture. Solutions in DMSO and ethanol may be stored at -20°C for up to 3 months.

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