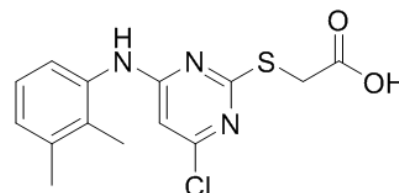


Product Name : WY-14643
Cat. No. : PC-45121
CAS No. : 50892-23-4
Molecular Formula : C₁₄H₁₄ClN₃O₂S
Molecular Weight : 323.7979
Target : PPAR
Solubility : DMSO: 15 mg/mL



Biological Activity

WY-14643 (Pirinixic acid) is a potent, selective **PPAR α** agonist with EC₅₀ of 0.63 μ M.

WY-14643 displays little or no activity for PPAR γ and PPAR δ (EC₅₀=32 and >100 μ M, respectively).

WY-14643 modulates cellular redox status, represses NF-kappaB signaling, and reduces inflammatory cytokine production in mice.

References

Willson TM, et al. *J Med Chem*. 2000 Feb 24;43(4):527-50.

Forman BM, et al. *Proc Natl Acad Sci U S A*. 1997 Apr 29;94(9):4312-7.

Poynter ME, et al. *J Biol Chem*. 1998 Dec 4;273(49):32833-41.

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

E-mail: tech@probechem.com