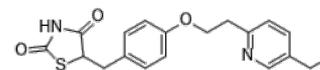


Product Name : Pioglitazone
Cat. No. : PC-26222
CAS No. : 111025-46-8
Molecular Formula : C₁₉H₂₀N₂O₃S
Molecular Weight : 356.44
Target : PPAR
Solubility : 10 mM in DMSO



Biological Activity

Pioglitazone (U 72107) is an orally active and selective PPAR γ agonist with high affinity binding to the PPAR γ ligand-binding domain with EC₅₀ of 0.93 and 0.99 μ M for human and mouse PPAR γ , respectively, highly selective over PPAR α and PPAR δ

References

Kubota N, et al. J Biol Chem. 2006 Mar 31;281(13):8748-55.

Puddu A, et al. Regul Pept. 2012 Aug 20;177(1-3):79-84.

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

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