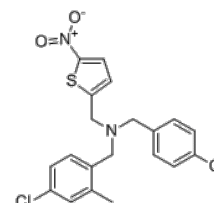


Product Name : GSK2945
Cat. No. : PC-62690
CAS No. : 1438071-12-5
Molecular Formula : C₂₀H₁₈Cl₂N₂O₂S
Molecular Weight : 421.336
Target : Rev-ErbA
Solubility : 10 mM in DMSO



Biological Activity

GSK2945 is a potent and selective small molecule **Rev-Erb α** agonist with EC₅₀ of 50 nM, displays >1,000-fold selectivity over LXR α .

GSK2945 inhibits LPS induction of IL-6 production and to upregulate expression of ABCA1 in human THP-1 cells.

GSK2945 demonstrates in vivo bioavailability and orally active.

References

Trump RP, et al. *J Med Chem*. 2013 Jun 13;56(11):4729-37.

Zhang T, et al. *Drug Metab Dispos*. 2018 Mar;46(3):248-258.

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

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