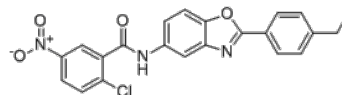


Product Name : BAY-4931
Cat. No. : PC-49399
CAS No. : 423150-91-8
Molecular Formula : C₂₂H₁₆ClN₃O₄
Molecular Weight : 421.837
Target : PPAR
Solubility : 10 mM in DMSO



Biological Activity

BAY-4931 (BAY4931) is a potent, selective, covalent **PPAR γ** inverse agonist with IC₅₀ of 0.17 nM in cellular reporter assays. BAY-4931 displays no significant activity against PPAR α , PPAR δ and additional high homology PXR (IC₅₀ values >50 μ M). BAY-4931 inhibits proliferation of PPAR γ -amplified cell line UM-UC-9 with IC₅₀ of 3.4 nM. BAY-4931 showed antiproliferative effects across UM-UC-9, HuP-T4, and PaCaDD-188 sensitive cell lines in the colony formation assays.

References

Douglas L Orsi, et al. *J Med Chem*. 2022 Oct 21. doi: 10.1021/acs.jmedchem.2c01379.

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

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