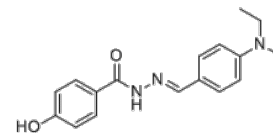


Product Name : DY131
Cat. No. : PC-20414
CAS No. : 95167-41-2
Molecular Formula : C₁₈H₂₁N₃O₂
Molecular Weight : 311.39
Target : Estrogen Receptor/ERR
Solubility : 10 mM in DMSO



Biological Activity

DY131 (GSK 9089) is a selective agonist of the ERR β/γ receptor with EC₅₀ of 130 nM, does not affect the ERR α , ER α and β (IC₅₀>30 μ M).

DY131 inhibits growth in a diverse panel of breast cancer cell lines, causing cell death that involves the p38 stress kinase pathway and a bimodal cell cycle arrest.

DY131 potentiates the ERR γ -induced growth inhibition in LNCaP-ERR γ and DU145-ERR γ cells in a dose-dependent manner.

References

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Yu DD, et al. Bioorg Med Chem Lett. 2005 Mar 1;15(5):1311-3.

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

E-mail: tech@probechem.com