

Product Name : GSK-4716

Synonyms : —

Cat No. : M20159

CAS Number : 101574-65-6

Molecular Formula : C₁₇H₁₈N₂O₂

Formula Weight : 282.34

Chemical Name : 4-hydroxy-N-[(4-propan-2-ylphenyl)methylideneamino]benzamide

Description : GSK4716 is an ERRβ/γ agonist (IC₅₀ = 2 μM) that can activate the receptor with similar potency as the protein ligand.

Pathway : Endocrinology/Hormones

Target : Estrogen Receptor/ERR

Receptor : ERRβ/γ

Solubility : DMSO:100 mg/mL?(354.18 mM)

SMILES : CC(C)c1ccc(cc1)/C=N/C(=O)c1ccc(O)cc1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Wang L Zuercher W J Consler T Get al. X-ray Crystal Structures of the Estrogen-related Receptor- Ligand Binding Domain in Three Functional States Reveal the Molecular Basis of Small Molecule Regulation[J]. Journal of Biological Chemistry 2006 281(49):37773-37781.

