

Product Name	: WAY-204688
Synonyms	: SIM-688; SIM688
Cat No.	: M26862
CAS Number	: 796854-35-8
Molecular Formula	: C ₃₄ H ₃₁ F ₃ N ₂ O ₂
Formula Weight	: 556.6
Chemical Name	: —
Description	<p>WAY-204688 is a selective and orally active estrogen receptor inhibitor of NF-κB transcriptional activity (IC₅₀ = 122 nM in HAECT-1 cells). (In Vitro): WAY-204688 displaces [³H]E₂ from the ERα ligand-binding domain protein (C₅₀=2.43 μM) and from the ERβ ligand-binding domain protein (IC₅₀=1.5 μM). (In Vivo): WAY-204688 (5 mg/kg per day, p.o.) inhibits pro-inflammatory genes including MHI, VCAM-1, RANTES, and TNF-α and induces the gene products and uterine wet weight. WAY-204688 (0.3 mg/kg, p.o.) is active in the Lewis rat adjuvant-induced arthritis model.</p>
Pathway	: Endocrinology/Hormones
Target	: Estrogen Receptor/ERR
Receptor	: Fungal
Solubility	: —
SMILES	: <chem>[C@H]1C([C@](C(=O)N1CCC(CC1)C2=CC(C(F)(F)F)=CC=C2)(C#N)C)(C=CC4=C(C=CC3)C=CC=C4)C5=C(OC)C=CC=C5</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Hajime Iwamura, et al. Antifungal Activity of Substituted 7-(β-D-Ribofuranosyl)pyrrolo-[2,3-d]pyrimidines. Agricultural and Biological Chemistry, Volume 40, Issue 7, 1 July 1976, Pages