

Product Datasheet

Leriglitazone hydrochloride (orb1983413)

Catalog Number	orb1983413
Category	Small Molecules
Description	Leriglitazone (Hydroxypioglitazone) hydrochloride, a pioglitazone metabolite, acts as a PPAR γ agonist, effectively stabilizing the PPAR γ activation function-2 (AF-2) co-activator binding surface to enhance co-activator binding, which results in a modest improvement in transcriptional efficacy. It binds to the PPAR γ C-terminal ligand-binding domain (LBD) with a dissociation constant (K_i) of 1.2 μ M and demonstrates transcriptional efficacy with an effective concentration (EC ₅₀) of 680 nM.
Target	PPAR,Others
MW	408.90
CAS Number	146062-46-6
Formula	C ₁₉ H ₂₁ ClN ₂ O ₄ S
SMILES	Cl.CC(O)c1ccc(CCOc2ccc(CC3SC(=O)NC3=O)cc2)nc1
Storage	-20°C
Note	For research use only

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