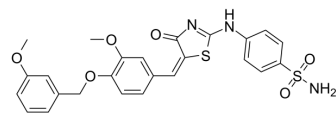


PPAR γ agonist 12

Cat. No.:	HY-162320
Molecular Formula:	C ₂₅ H ₂₃ N ₃ O ₆ S ₂
Molecular Weight:	525.6
Target:	PPAR
Pathway:	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PPAR γ agonist 12 (compound 9i) is a potent and selective PPAR γ agonist with EC ₅₀ s of 3.98 and 15.42 μ M against PPAR γ and PPAR δ , respectively. PPAR γ agonist 12 improves insulin secretion and has anti-diabetic effect ^[1] .
In Vivo	PPAR γ agonist 12 (36 mg/kg for p.o.; once) exhibits anti-diabetic activity in NA-Streptozotocin (HY-13753) diabetic rats ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ali I H, et al. Novel thiazolidin-4-one benzenesulfonamide hybrids as PPAR γ agonists: Design, synthesis and In vivo anti-diabetic evaluation[J]. European Journal of Medicinal Chemistry, 2024: 116279.

Caution: Product has not been fully validated for medical applications. For research use only.

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