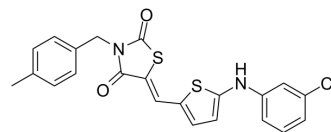


SP4f

Cat. No.:	HY-156277
Molecular Formula:	C ₂₂ H ₁₇ ClN ₂ O ₂ S ₂
Molecular Weight:	440.97
Target:	PPAR
Pathway:	Cell Cycle/DNA Damage; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	SP4f is an activator of PPAR- γ , with the EC ₅₀ of 826 nM in HK-2 cells. SP4f reduces the blood glucose levels and lipid peroxidation, and increases glutathione levels and catalase activity in the Swiss albino mice ^[1] .
IC ₅₀ & Target	826 nM (PPAR- γ in the HK-2 cells) ^[1]

REFERENCES

[1]. Gupta S, et al. Integrated fragment-based drug design and virtual screening techniques for exploring the antidiabetic potential of thiazolidine-2,4-diones: Design, synthesis and in vivo studies [published online ahead of print, 2023 Sep 21]. Eur J Med Chem. 2023;261:115826.

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

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