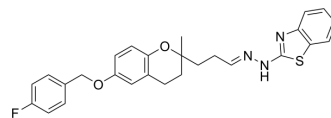


## PPAR $\alpha$ / $\gamma$ agonist 3

Cat. No.:	HY-162122
Molecular Formula:	C <sub>27</sub> H <sub>26</sub> FN <sub>3</sub> O <sub>2</sub> S
Molecular Weight:	475.58
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 $\alpha$ / $\gamma$  agonist 3 (Compound 4) is a dual agonist of PPAR $\alpha$ / $\gamma$ . PPAR $\alpha$ / $\gamma$  agonist 3 has anti-inflammatory activity, significantly reducing inflammatory markers such as IL-6 and MCP-1 on THP-1 macrophages through NF- $\kappa$ B activation. PPAR $\alpha$ / $\gamma$  agonist 3 can be used in the study of metabolic syndrome and metabolic dysfunction-related fatty liver disease (MAFLD) [1].

### REFERENCES

[1]. García A, et al. Benzopyran hydrazones with dual PPAR $\alpha$ / $\gamma$  or PPAR $\alpha$ / $\delta$  agonism and an anti-inflammatory effect on human THP-1 macrophages[J]. European Journal of Medicinal Chemistry, 2024: 116125.

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

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