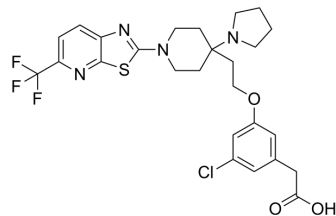


PPAR δ agonist 9

Cat. No.:	HY-149429
CAS No.:	928023-21-6
Molecular Formula:	C ₂₆ H ₂₈ ClF ₃ N ₄ O ₃ S
Molecular Weight:	569.04
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	PPAR δ agonist 9 (compound 21) is a PPAR δ agonist (EC ₅₀ : 3.6 nM). PPAR δ agonist 9 has in vivo efficacy, reducing serum levels of MCP-1 in mice and significantly inhibiting atherosclerosis progression in the LDLr-KO model (inhibition rate: 50-60%) ^[1] .
IC ₅₀ & Target	EC50:3.6 nM (PPAR δ) ^[1]

REFERENCES

[1]. Kato T, et al. Design, Synthesis, and Anti-Inflammatory Evaluation of a Novel PPAR δ Agonist with a 4-(1-Pyrrolidinyl)piperidine Structure. J Med Chem. 2023 Aug 24;66(16):11428-11446..

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

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