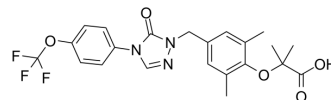


PPAR α / δ agonist 1

Cat. No.:	HY-144111
CAS No.:	2760128-48-9
Molecular Formula:	C ₂₂ H ₂₂ F ₃ N ₃ O ₅
Molecular Weight:	465.42
Target:	PPAR
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PPAR α / δ agonist 1 is a potent PPAR α /PPAR δ dual agonist (PPAR α EC ₅₀ =7.0 nM; PPAR δ EC ₅₀ =8.4 nM). PPAR α / δ agonist 1 is a high selectivity over PPAR γ (PPAR γ EC ₅₀ =1316.1 nM). PPAR α / δ agonist 1 has the potential for the research of nonalcoholic steatohepatitis ^[1] .		
IC₅₀ & Target	PPAR α 7 nM (EC ₅₀)	PPAR δ 8.4 nM (EC ₅₀)	PPAR γ 1316.1 nM (EC ₅₀)

REFERENCES

[1]. Feng Z, et al. Design, Synthesis, and Biological Evaluation of Triazolone Derivatives as Potent PPAR α / δ Dual Agonists for the Treatment of Nonalcoholic Steatohepatitis. *J Med Chem.* 2022;65(3):2571-2592.

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

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