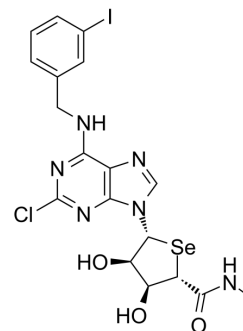


PPAR γ / δ modulator 1

Cat. No.:	HY-147757
CAS No.:	2089159-00-0
Molecular Formula:	C ₁₈ H ₁₈ ClIN ₆ O ₃ Se
Molecular Weight:	607.69
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 γ / δ modulator 1 (compound 3e) is a potent PPAR modulator. PPAR γ / δ modulator 1 is a PPAR δ antagonist and a PPAR γ partial agonist, with K _i values of 14.4 nM and 5.31 μ M, respectively. PPAR γ / δ modulator 1 has the EC ₅₀ of 7.3 and 12.6 μ M for PPAR δ corepression and adiponectin production, respectively ^[1] .	
IC₅₀ & Target	PPAR δ 14.4 nM (K _i)	PPAR γ 5.31 μ M (K _i)

REFERENCES

[1]. An S, et al. Selenium bioisosteric replacement of adenosine derivatives promoting adiponectin secretion increases the binding affinity to peroxisome proliferator-activated receptor δ . *Bioorg Med Chem*. 2020 Jan 1;28(1):115226.

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

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