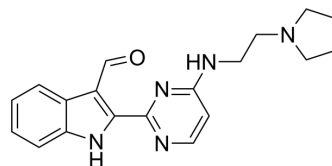


## PPAR $\gamma$ -IN-2

Cat. No.:	HY-156010
CAS No.:	2682078-97-1
Molecular Formula:	C <sub>19</sub> H <sub>21</sub> N <sub>5</sub> O
Molecular Weight:	335.4
Target:	PPAR
Pathway:	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor
Storage:	Powder    -20°C    3 years 4°C        2 years In solvent   -80°C    6 months -20°C    1 month



### BIOLOGICAL ACTIVITY

Description	PPAR $\gamma$ -IN-2 (Compound 5a) is a PPAR $\gamma$ inhibitor. PPAR $\gamma$ -IN-2 inhibits TG accumulation in 3T3-L1 preadipocytes (EC <sub>50</sub> : 0.106 $\mu$ M). PPAR $\gamma$ -IN-2 inhibits high-cholesterol diet (HFC)-induced obesity and related metabolic syndrome, and reduces lipid accumulation in adipose tissue <sup>[1]</sup> .
IC <sub>50</sub> & Target	PPAR $\gamma$

### REFERENCES

[1]. Guo SY, et al. Design, synthesis and evaluation of 2-pyrimidinylindole derivatives as anti-obesity agents by regulating lipid metabolism. Eur J Med Chem. 2023 Nov 15;260:115729.

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

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