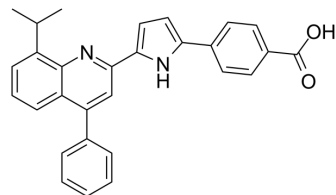


ER 50891

Cat. No.:	HY-108531
CAS No.:	187400-85-7
Molecular Formula:	C ₂₉ H ₂₄ N ₂ O ₂
Molecular Weight:	432.51
Target:	RAR/RXR
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ER-50891 is a potent antagonist of retinoic acid receptor α (RAR α). ER-50891 significantly attenuates ATRA's inhibitive effects on BMP 2-induced osteoblastogenesis ^[1] .
IC ₅₀ & Target	RAR α ^[1]

REFERENCES

[1]. Batran RZ, et al. New quinolone derivatives as neuropeptide S receptor antagonists: Design, synthesis, homology modeling, dynamic simulations and modulation of Gq/Gs signaling pathways. *Bioorg Chem.* 2021;111:104817.

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

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