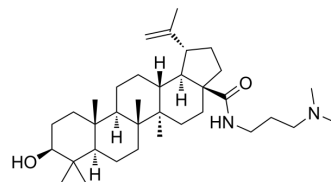


ROR γ antagonist 1

Cat. No.:	HY-155542
Molecular Formula:	C ₃₅ H ₆₀ N ₂ O ₂
Molecular Weight:	540.86
Target:	ROR
Pathway:	Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ROR γ antagonist 1 (compound 22), a potent betulinic acid derivative, is an antagonist of ROR γ (K _D =0.18 μ M). ROR γ antagonist 1 exhibits anti-proliferative activity in HPAF-II pancreatic cancer xenograft model. ROR γ antagonist 1 inhibits RAS/MAPK and AKT/mTORC1 pathway, and induces caspase-dependent apoptosis in pancreatic cancer cells ^[1] .
IC ₅₀ & Target	ROR γ ^[1]

REFERENCES

[1]. Mei L, et al. Discovery, structural optimization, and anti-tumor bioactivity evaluations of betulinic acid derivatives as a new type of ROR γ antagonists. *Eur J Med Chem.* 2023 Sep 5;257:115472.

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

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