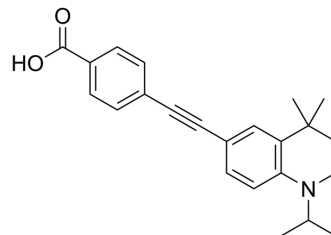


DC271

Cat. No.:	HY-D1190
CAS No.:	198696-03-6
Molecular Formula:	C ₂₃ H ₂₅ NO ₂
Molecular Weight:	347.45
Target:	RAR/RXR
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

DC271 is a RAR agonist that can be considered a retinoid, eliciting cellular responses consistent with the endogenous retinoid ATRA and the synthetic retinoid EC23. DC271 binds to retinoid protein machinery, including CRABP1I, to translocate the endogenous retinoid ATRA into the nucleus^[1].

REFERENCES

[1]. Chisholm DR, et al. Fluorescent Retinoic Acid Analogues as Probes for Biochemical and Intracellular Characterization of Retinoid Signaling Pathways. ACS Chem Biol. 2019 Mar 15;14(3):369-377.

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

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