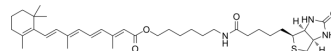


ATRA-biotin

Cat. No.:	HY-141793
CAS No.:	2226143-93-5
Molecular Formula:	C ₃₆ H ₅₅ N ₃ O ₄ S
Molecular Weight:	625.9
Target:	RAR/RXR; PPAR; Endogenous Metabolite; Autophagy
Pathway:	Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor; Cell Cycle/DNA Damage; Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ATRA-biotin (Biotin-ATRA-conjugate) is a biotin-conjugated ATRA. ATRA-biotin can be used to track ATRA in cells or a given tissue ^[1] .
In Vitro	ATRA-biotin (1-10 μM; 1-72 h) has biocompatibility demonstrated via cell viability assays in cultured N2a-cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Segelken J, et, al. Synthesis and Evaluation of Two Novel All -trans-Retinoic Acid Conjugates: Biocompatible and Functional Tools for Retina Research. ACS Chem Neurosci. 2018 Apr 18;9(4):858-867.

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

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