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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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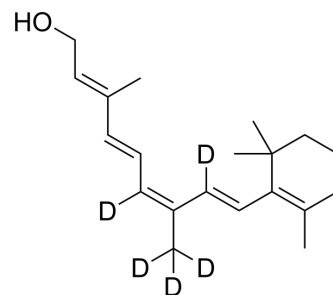
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9-cis-Retinol-d₅

Cat. No.:	HY-W654334
Molecular Formula:	C ₂₀ H ₂₅ D ₅ O
Molecular Weight:	291.48
Target:	Isotope-Labeled Compounds; Endogenous Metabolite
Pathway:	Others; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

9-cis-Retinol-d₅ is deuterium labeled 9-cis Retinol. 9-cis Retinol is a precursor of 9-cis-Retinal (HY-W009310). 9-cis Retinol can inhibit 9-cis-Retinoic acid (HY-15128) synthesis in Hep G2 cells^{[1][2]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.
- [2]. Paik J, et, al. 9-cis-retinoids: biosynthesis of 9-cis-retinoic acid. Biochemistry. 2000 Jul 11;39(27):8073-84.

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

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