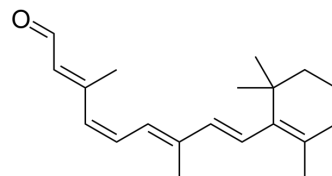


11-cis-Retinal

Cat. No.:	HY-116711
CAS No.:	564-87-4
Molecular Formula:	C ₂₀ H ₂₈ O
Molecular Weight:	284.44
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	11-cis-Retinal is a chromophore linked via a Schiff base to the lysine residue of opsin ^[1] .
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

[1]. Hara M, et al. PNPLA2 mobilizes retinyl esters from retinosomes and promotes the generation of 11-cis-retinal in the visual cycle. Cell Rep. 2023 Feb 8;42(2):112091.

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

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