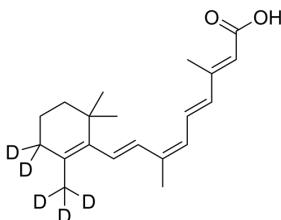


## 9-cis-Retinoic acid-d<sub>5</sub>

Cat. No.: HY-132334S  
Batch No.: 279359  
Chemical Name: (2E,4E,6Z,8E)-3,7-Dimethyl-9-(2,6,6-trimethylcyclohex-1-enyl)nona-2,4,6,8-tetraenoic Acid-d<sub>5</sub>

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>20</sub>H<sub>23</sub>D<sub>5</sub>O<sub>2</sub>  
Molecular Weight: 305.47  
Storage: -80°C, protect from light, stored under nitrogen  
Chemical Structure:



### ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (HPLC): 98.64%  
Isotopic Enrichment: D<sub>5</sub>=55.3%, D<sub>4</sub>=26.1%, D<sub>3</sub>=18.6%, D<sub>0</sub>=0%  
Conclusion: The product has been tested and complies with the given specifications.

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

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