

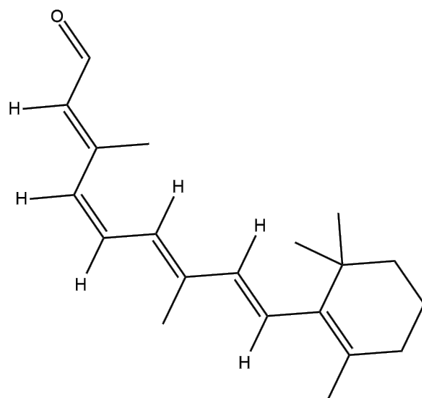
## Certificate of Analysis

Product Name: 11-cis Retinal  
Cat. No.: GC18798  
Batch No.: 1  
Chemical Name: 11-cis-retinal

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 564-87-4  
Molecular Formula:  $C_{20}H_{28}O$   
Molecular Weight: 284.4  
Storage: Store at  $-80^{\circ}C$

Chemical Structure:



### ANALYTICAL DATA

Appearance: A solution in benzene  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >65.00%  
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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