

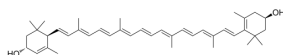
Lutein

Cat. No.: HY-N6947
 CAS No.: 127-40-2
 Batch No.: 126792
 Chemical Name: β,ϵ -Carotene-3,3'-diol, (3R,3'R,6'R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{40}H_{56}O_2$
 Molecular Weight: 568.87
 Storage: -20°C, protect from light, stored under nitrogen
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

Chemical Structure:



ANALYTICAL DATA

Appearance: Orange to red (Solid)
 1H NMR Spectrum: Consistent with structure
 LCMS: Consistent with structure
 Purity (LCMS): 89.49%
 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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