

DATASHEET



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15-cis-Phytoene

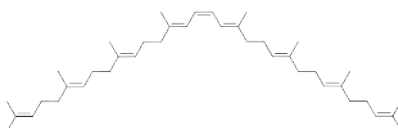
REF 0332 S

Chemical family CAROTENOID

CAS Number 13920-14-4

Empirical formula C₄₀H₆₄

Molecular weight 544,95



Long term storage Store at <-15°C
Store in dry and dark place.

HIGHLY UNSTABLE

Shipment conditions In a styrofoam box with ice pack

Appearance Oil

U.V / Visible spectrum λ_{max} 277, 286, 297 nm
($\pm 2\text{nm}$) in heptane

U.V / Visible spectrum E1% 277 nm 630 $\pm$ 20
286 nm 780 $\pm$ 25
297 nm 550 $\pm$ 20

Purity (HPLC) $\geq 97\%$

This product is available with HPLC chromatogram