Inhibitors



Certificate of Analysis

Fucoxanthin

Cat. No.: HY-N2302 CAS No.: 3351-86-8 Batch No.: 321623

Chemical Name: β , β -Carotene, 3'-(acetyloxy)-6', 7'-didehydro-5, 6-epoxy-5, 5', 6, 6', 7, 8-hexahydro-3, 5'-dihydroxy-8-poxy-8, 6', 7'-didehydro-1, 7'-didehydro-1,

oxo-, (3S,3'S,5R,5'R,6S,6'R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{42}H_{58}O_{6}$ **Molecular Weight:** 658.91

Storage: Powder -20°C 3 years

> 4°C 2 years

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

CH CONTRACTOR

ANALYTICAL DATA

Appearance: Pink to red (Solid)

¹ H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (HPLC): 99.47%

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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