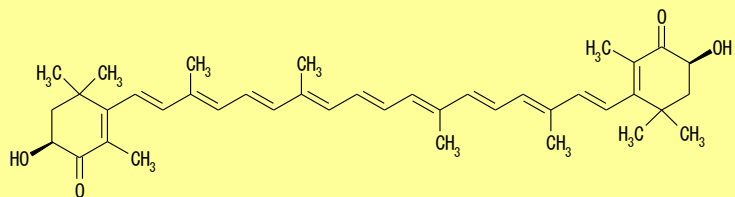


Astaxanthine

Cat.# BLK0890

Structure

Origin: *Synthetic*

CAS Registry Number: 472-61-7

CA Index Name:

Appearance: dark red solid

Molecular Formula/ Weight: C₄₀H₅₂O₄=596.85

Melting Point: 214-215°C Purity:>95.0% by HPLC

Solubility: Sol. in 1mg/ml CHCl₃

pKa:

log P:

Background Information:

Extremely potent antioxidant. Shows anti-inflammatory properties. Has effects on cancer, cardiovascular disease, and diabetes.

Handling and Storage:

Store at -20°C.

References:

1. Lipids 24, 659 (1989)
 2. Arch. Biochem. Biophys. 297, 291 (1992)
 3. Meth. Enzymol. 213, 403 (1992)
 4. J. Biol. Chem. 270, 18374 (1995)
 5. Trends Biotechnol. 21, 210 (2003)
- J. Nat. Prod. 69, 443 (2006)