Creative Enzymes®

Lycopene

Cat. No. COEC-070

Lot. No. (See product label)

Introduction

Description	Lycopene is an open chain unsaturated carotenoid that gives tomatoes, guava, rose hip, watermelon and pink grapefruit its red color. Studies show that lycopene intake is significantly associated with lower risk of lung, colon and stomach carcinogenesis. It is an antioxidant.
Applications	A highly conjugated antioxidant carotenoid compound
Synonyms	all-trans-Lycopene; Lycopene 7; Psi,psi-carotene; trans-Lycopene; prolycopene

Product Information

Form	Solid
CAS No.	502-65-8
Molecular Formula	C40H56
Molecular Weight	536.87
Purity	≥98%
Melting Point	173-175° C
Boiling Point	~660.9° C at 760 mmHg (Predicted)
Solubility	Soluble in ethanol (sparingly), carbon disulfide, chloroform (1 mg/ml), and benzene. Insoluble in water.
Refractive Index	1.51 (Predicted)
Density	~1.1 g/mL (Predicted)