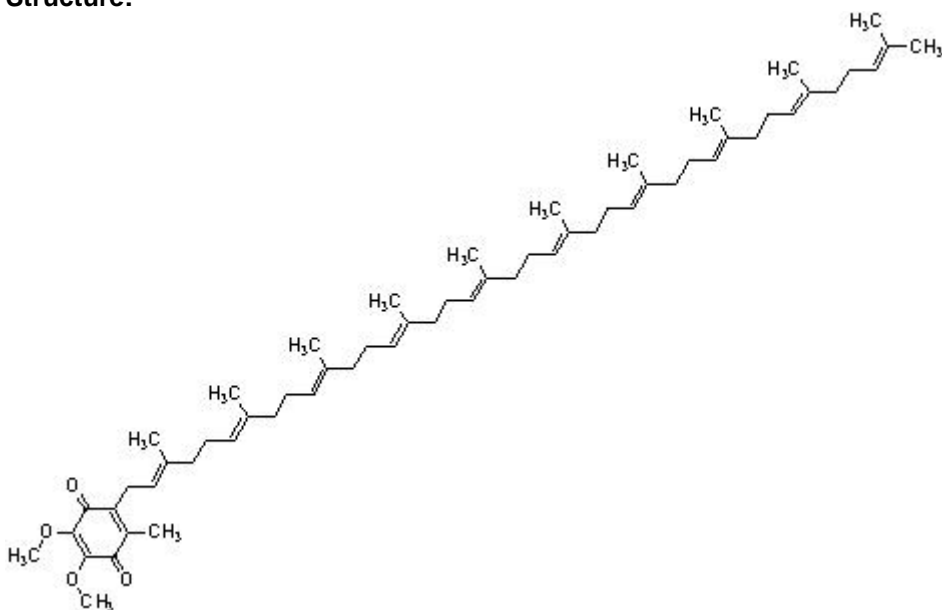


TECHNICAL INFORMATION

Catalog Number: 195108, 199024, 199680

Coenzyme Q10

Structure:



Molecular Formula: C₅₉H₉₀O₄

Molecular Weight: 863.4

CAS #: 303-98-0

Synonyms: Ubiquinone 50; Q-10; Ubiquinone 10; Ubidecarenone

Physical Description: Yellow to orange crystalline powder

Solubility: Soluble in chloroform (50 mg/ml - clear to slightly hazy, yellow to orange solution), ethanol or lipids; practically insoluble in water

Description: An endogenous cellular antioxidant. An essential component of the electron transport in mitochondria.

Availability:

Catalog Number	Description	Size
195108	Coenzyme Q10, from bovine heart	5 mg 25 mg
199024	Coenzyme Q10, synthetic	25 mg 100 mg 500 mg 1 g
199680	Coenzyme Q10, from fermentation	100 mg 500 mg 1 g

References:

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- Lenaz, G. (ed.), *Coenzyme Q: Biochemistry, Bioenergetics and Clinical Applications of Ubiquinone*, John Wiley & Sons: New York (1985).
- Miyake, Y., et al., "Effect of treatment with 3-hydroxy-3-methylglutaryl coenzyme A reductase inhibitors on serum coenzyme Q10 in diabetic patients." *Arzneim. Forsch.*, **v. 49:4**, 324 (1999).