

Mitoquinone mesylate (25 wt%)/ β -cyclodextrin complex, Mitochondria-targeted antioxidant

Catalog	Unit
TBI3915-5MG	5 mg
TBI3915-25MG	25 mg

Product Details

Formal Name: 10-(6'-Ubiquinonyl)decyltriphenylphosphonium mesylate

Molecular Formula: MitoQ $C_{37}H_{44}O_4P \cdot CH_3SO_3$ β -cyclodextrin $C_{42}H_{70}O_3$

Formula Weight: 678.82 MitoQ, 1134.98 β -cyclodextrin

CAS Number: 845959-50-4

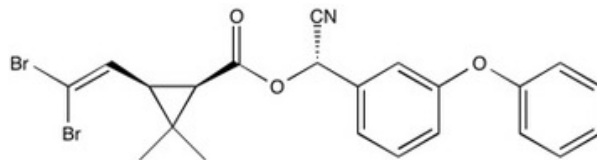
Purity: >98%

Formulation: powder

Solubility: Soluble in water (up to 12 mg/mL)

Storage: -20°C

Stability: ≥ 1 year.



Applications

Mitochondria-targeted antioxidant

Functions

The β -cyclodextrin complex of Mitoquinone mesylate is an easier to use, less deliquescent form of the useful mitochondrial antioxidant Mitoquinone. Water soluble and useable for animal studies.

Application Procedures

First dissolved in water (up to 12 mg/mL), then diluted to aqueous buffer. Solutions in water may be stored at -20°C for up to 1 month.

For research use only.