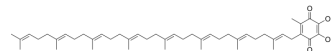


Coenzyme Q8

Cat. No.:	HY-N9680
CAS No.:	2394-68-5
Molecular Formula:	C ₄₉ H ₇₄ O ₄
Molecular Weight:	727.11
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Coenzyme Q8 (Ubiquinone 8) is an isoprenoid quinone that mediates electron transfer within the aerobic respiratory chain and mitigates oxidative stress. Coenzyme Q8 enhances nonspecific resistance to bacterial infections^[1].

REFERENCES

[1]. Laura Tempelhagen, et al. Cultivation at high osmotic pressure confers ubiquinone 8-independent protection of respiration on Escherichia coli. J Biol Chem. 2020 Jan 24;295(4):981-993.

Caution: Product has not been fully validated for medical applications. For research use only.

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