



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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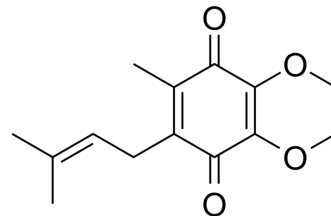
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Ubiquinone-1

Cat. No.:	HY-113449
CAS No.:	727-81-1
Molecular Formula:	C ₁₄ H ₁₈ O ₄
Molecular Weight:	250.29
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Solution, -20°C, 2 years



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (399.54 mM; Need ultrasonic)
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BIOLOGICAL ACTIVITY

Description	Ubiquinone-1 is an intermediate in the synthesis of Coenzyme Q.
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

- [1]. Moller IM, et al. Ubiquinone-1 Induces External Deamino-NADH Oxidation in Potato Tuber Mitochondria. Plant Physiol. 1996 Sep;112(1):75-78.
- [2]. R Fato, et al. Steady-state kinetics of the reduction of coenzyme Q analogs by complex I (NADH:ubiquinone oxidoreductase) in bovine heart mitochondria and submitochondrial particles. Biochemistry. 1996 Feb 27;35(8):2705-16.

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

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