



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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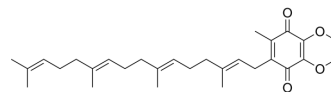
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Coenzyme Q4

Cat. No.:	HY-134003	
CAS No.:	4370-62-1	
Molecular Formula:	C ₂₉ H ₄₂ O ₄	
Molecular Weight:	454.64	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	
Storage:	Pure form	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 10 mg/mL (22.00 mM; Need ultrasonic and warming)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.1995 mL	10.9977 mL	21.9954 mL
	5 mM	0.4399 mL	2.1995 mL	4.3991 mL
	10 mM	0.2200 mL	1.0998 mL	2.1995 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Coenzyme Q4 is an analog and functional substitute of Coenzyme Q10 (CoQ10) which can be targeted to the mitochondria. Coenzyme Q4 has antioxidant activity^[1].

REFERENCES

[1]. Cerqua C, et al. Vitamin K2 cannot substitute Coenzyme Q10 as electron carrier in the mitochondrial respiratory chain of mammalian cells. Sci Rep. 2019 Apr 25;9(1):6553.

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

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