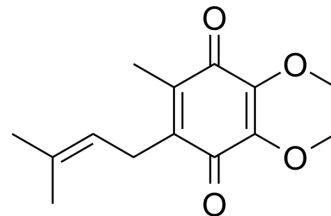


## Ubiquinone-1

Cat. No.:	HY-113449
CAS No.:	727-81-1
Molecular Formula:	C <sub>14</sub> H <sub>18</sub> O <sub>4</sub>
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 <sub>50</sub> & 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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