

## Product Data Sheet

Product Name: Coenzyme Q4

Cat. No.: GF15076

### Chemical Properties

Cas. No. 4370-62-1

Formula C<sub>29</sub>H<sub>42</sub>O<sub>4</sub> M.Wt 454.64

Solubility DMSO : 10 mg/mL (22.00 mM; Need ultrasonic and warming) Storage 20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



### Background

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]. Cerqua C, et al. Vitamin K2 cannot substitute Coenzyme Q10 as electron carrier in the

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

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mitochondrial respiratory chain of mammalian cells. Sci Rep. 2019 Apr 25;9(1):6553.

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