

Product Data Sheet

Product Name: SkQR1 hydroxide

Cat. No.: GC79759

Chemical Properties

Cas. No. 1333381-77-3

Formula $C_{44}H_{56}N_2O_6$

M.Wt 708.93

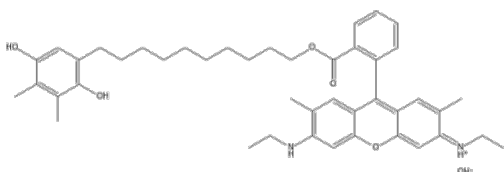
Solubility

Storage Store at -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

SkQR1 hydroxide is a mitochondrial targeted antioxidant. SkQR1 hydroxide can inhibit glycogen synthase kinase 3 β (GSK3 β) in the brain. SkQR1 hydroxide has a significant memory promoting effect. SkQR1 hydroxide can be used for research related to brain memory [1].

References:

[1]. Stelmashook EV, et al. Mitochondria-Targeted Plastoquinone Antioxidant SkQR1 Has Positive Effect on Memory of Rats. Biochemistry (Mosc). 2015 May;80(5):592-5.

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

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