

Product Data Sheet

Product Name: Sonlicromanol hydrochloride

Cat. No.: GC63198

Chemical Properties

Cas. No. 2162149-24-6

Formula $C_{19}H_{29}ClN_2O_3$

M.Wt 368.9

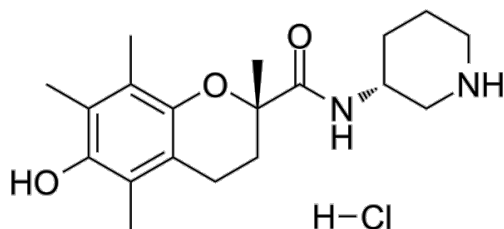
Solubility DMSO : 170 mg/mL (460.83 mM;
Need ultrasonic)

Storage 4°C, protect from light, stored under
nitrogen

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

Sonlicromanol (KH176) hydrochloride, a chemical entity derivative of Trolox, is a blood-brain barrier permeable ROS-redox modulator. Sonlicromanol (KH176) hydrochloride is used in the study for mitochondrial disorders[1].

Sonlicromanol (KH176) hydrochloride maintains microstructural coherence in the brain of Ndufs4^{-/-} mice[1].

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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[1]. Ria de Haas, et al. Therapeutic effects of the mitochondrial ROS-redox modulator KH176 in a mammalian model of Leigh Disease. Sci Rep. 2017 Sep 15;7(1):11733.

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