
Product Data Sheet

Product Name: 2-Hydroxy-4-methylbenzenesulphonic acid ammonium

Cat. No.: GC68517

Chemical Properties

Cas. No. 79093-71-3

Formula $C_7H_{11}NO_4S$

M.Wt 205.23

Solubility DMSO : 125 mg/mL (609.07 mM; Need ultrasonic)

Storage 4°C, away from moisture

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**

2-droxy-4-metlbenzenesulphonic acid ammonium is an impurity of Policlesulen. Policlesulen is a potent NS2B/NS3 protease inhibitor with an IC₅₀ of 0.48 µg/mL. Policlesulen effectively inhibits the replication of DENV2 virus in BHK-21 cells with an IC₅₀ of 4.99 µg/mL. Policlesulen acted as a competitive inhibitor of the protease, and slightly affected the protease stability^[1].

[1]. Deng-wei Wu, et al. Policlesulen, a novel NS2B/NS3 protease inhibitor, effectively inhibits the replication of DENV2 virus in BHK-21 cells. Acta Pharmacol Sin. 2015 Sep;36(9):1126-36.

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

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