

Product Data Sheet

Product Name: Atropine sulfate monohydrate

Cat. No.: GC63827

Chemical Properties

Cas. No. 5908-99-6

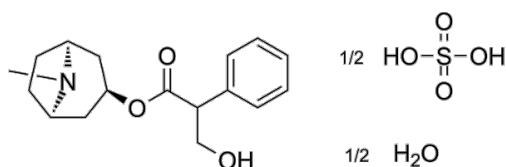
Formula $C_{17}H_{23}NO_3 \cdot 1/2(H_2SO_4 \cdot H_2O)$ M.Wt 347.43

Solubility DMSO : 50 mg/mL (143.91 mM; Need ultrasonic)|Water : 33.33 mg/mL (95.93 mM; Need ultrasonic) Storage 4°C, away from moisture and light

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

Atropine (Tropine tropate) sulfate monohydrate is a broad-spectrum and competitive muscarinic acetylcholine receptor (mAChR) antagonist with anti-myopia effect[1].

[1]. McBrien NA, et al. How does atropine exert its anti-myopia effects• Ophthalmic Physiol Opt. 2013 May;33(3):373-8.

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

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