

## Product Data Sheet

Product Name: Atropine sulfate

Cat. No.: GC35428

### Chemical Properties

Cas. No. 55-48-1

SMILES O=C(O[C@@H]1C[C@@H](N2C)CC[C@@H]2C1)C(CO)C3=CC=CC=C3.[0.5H2SO4]

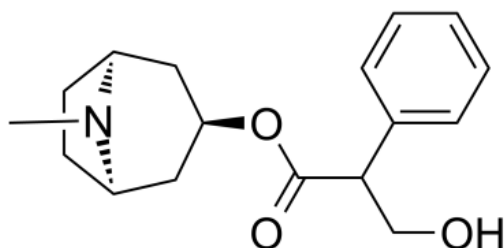
Formula  $C_{17}H_{23}NO_3 \cdot \frac{1}{2} H_2O_4S$  M.Wt 338.41

Solubility DMSO : 18mg/mL Storage Store at -20°C, unstable in solution, ready to use.

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



$0.5H_2SO_4$

### Background

Atropine sulfate (Sulfatropinol) is a broad-spectrum and competitive muscarinic acetylcholine receptor (mAChR) antagonist[1]. Muscarinic acetylcholine receptor[1]

[1]. McBrien NA, et al. How does atropine exert its anti-myopia effects• Ophthalmic Physiol Opt. 2013

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

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May;33(3):373-8.

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