

Product Data Sheet

Product Name: Nortropine

Cat. No.: GC39499

Chemical Properties

Cas. No. 538-09-0

SMILES O[C@H]1C[C@H](N2)CC[C@H]2C1

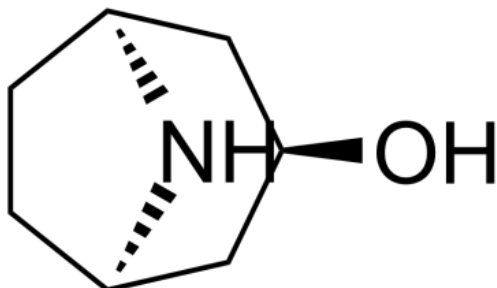
Formula $C_7H_{13}NO$ M.Wt 127.18

Solubility DMSO : 33.33 mg/mL (262.07 mM; Need ultrasonic) 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

Nortropine (Nortropenol), isolated from the total alkaloids of *Convolvulus subhirsutus*, is an intermediate in tropine breakdown and reactions leading to succinate[1].

[1]. Bartholomew BA, et al. Atropine Metabolism by *Pseudomonas* sp. Strain AT3: Evidence for Nortropine as an Intermediate in Tropine Breakdown and Reactions Leading to Succinate. *Appl Environ Microbiol.* 1996 Sep;62(9):3245-50. [2]. A. M. Gapparov, et al. Alkaloids of *Convolvulus*

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

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subhirsutus from Uzbekistan. Chemistry of Natural Compounds. 2007. 43(3):291-292.

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