

Product Data Sheet

Product Name: Promethazine

Cat. No.: GC25785

Chemical Properties

Cas. No. 60-87-7

Formula $C_{17}H_{20}N_2S$

M.Wt 284.42

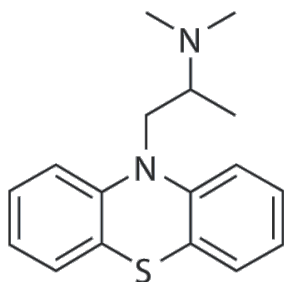
Solubility DMSO: 29 mg/mL (101.96 mM); Water: Insoluble; Ethanol: Insoluble

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 sizes: ship with RT, or blue ice upon request.

Structure



Background

Promethazine is a potent histamine H1 receptor antagonist. Promethazine is a medication used in the management and treatment of allergic conditions, nausea and vomiting, motion sickness, and sedation. Promethazine exhibits antiparasitic properties.

[1] C Cantisani, et al. Biomed Res Int. 2013;2013:151509. [2] Brittin T. Southard, Yasir Al Khalili. StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan. [3] Daniel B Roquini, et al. Antimicrob Agents Chemother. 2019 Sep 16;63(12):e01208-19.

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