
Product Data Sheet

Product Name: Propionylpromazine

Cat. No.: GC68206

Chemical Properties

Cas. No. 3568-24-9

Formula $C_{20}H_{24}N_2OS$ M.Wt 340.48

Solubility DMSO : 100 mg/mL (293.70 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

Propionylpromazine is a **dopamine receptor DRD2** antagonist. Propionylpromazine also is an effective tranquillizer. Propionylpromazine can be used in veterinary studies^{[1][2]}.

[1]. Xiaolan Ye, et al. A pharmacological network for lifespan extension in *Caenorhabditis elegans*. *Aging Cell*. 2014 Apr;13(2):206-15.

[2]. J Park, et al. Metabolism and pharmacokinetic studies of propionylpromazine in horses. *J Chromatogr*. 1989 Apr 14;489(2):313-21.

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

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