

Product Data Sheet

Product Name: 2-Chlorophenothiazine

Cat. No.: GD05934

Chemical Properties

Cas. No. 92-39-7

Formula $C_{12}H_8ClNS$

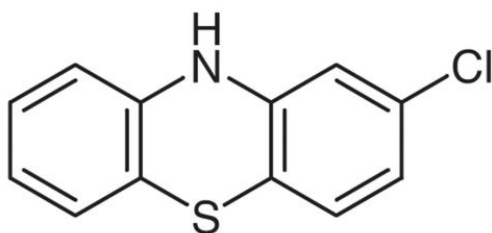
M.Wt 233.72

Solubility Storage Store at room temperature

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

2-Chlorophenothiazine is a phenothiazine derivative. 2-Chlorophenothiazine has the activity of inhibiting DNA, RNA and protein synthesis. 2-Chlorophenothiazine is an intermediate in the synthesis of Chlorpromazine and Perphenazine^[1].

References:

[1]. Khafagy EZ, et al. New aspects concerning the mechanism of action of tranquilizers. The influence of some tranquilizers on protein and nucleic acid syntheses. Biochem Pharmacol. 1977 Jul 1;26(13):1205-11.

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

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