
Product Data Sheet

Product Name: Isoprothiolane

Cat. No.: GC63025

Chemical Properties

Cas. No. 50512-35-1

Formula $C_{12}H_{18}O_4S_2$ M.Wt 290.4

Solubility DMSO : 100 mg/mL (344.35 mM; Need ultrasonic) Storage

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

Isoprothiolane is a systemic fungicide. Isoprothiolane is a rice blast controlling agent against the fungal disease of rice planty *Pyvioutavia oryzae* Cav[1].

[1]. Matazaemon Uchida, et al. Effect of a Rice Blast Controlling Agent, Isoprothiolane, on *Nilaparvata Lugens* Stal with Different Levels of Susceptibility to Diazinon. Pest Resistance to Pesticides pp 421-428

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

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