

Product Data Sheet

Product Name: 3,4-Dichlorophenyl Isothiocyanate

Cat. No.: GD09722

Chemical Properties

Cas. No. 6590-94-9

Formula $C_7H_3Cl_2NS$

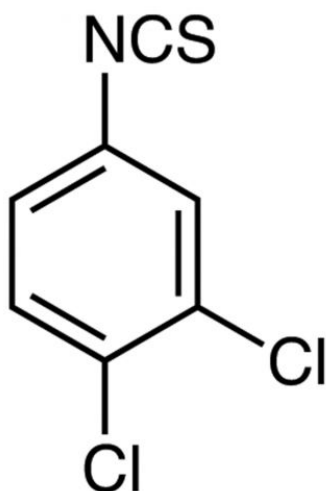
M.Wt 204.08

Solubility DMSO : ≥ 200 mg/mL(980.01 mM) Storage 4°C, stored under nitrogen

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

3,4-Dichlorophenyl Isothiocyanate is an intermediate in organic synthesis and is used to make other isothiocyanate-containing compounds. 3,4-Dichlorophenyl Isothiocyanate and its derivatives can be used to induce cabbage root flies and test their behavioral responses and trap bait effects^[1].

References:

[1]. Finch S, et al. Trapping cabbage root flies in traps baited with plant extracts and with natural and synthetic isothiocyanates[J]. Entomologia Experimentalis et Applicata, 1982, 31(2-3): 133-139.

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

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