
Product Data Sheet

Product Name: Phenothrin (Sumithrin)

Cat. No.: GC32253

Chemical Properties

Cas. No. 26002-80-2

SMILES O=C(C1C(C)(C)C1/C=C(C)\C)OCC2=CC=CC(OC3=CC=CC=C3)=C2Formula C₂₃H₂₆O₃

M.Wt 350.45

Solubility DMSO : 100 mg/mL (285.35 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**

Phenothrin is a synthetic pyrethroid that kills adult fleas and ticks. It has also been used to kill head lice in humans.

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

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