

Product Data Sheet

Product Name: Tetramethrin

Cat. No.: GC39684

Chemical Properties

Cas. No. 7696-12-0

SMILES O=C(OCN(C1=O)C(C2=C1CCCC2)=O)C3C(C)(C3/C=C(C)\C)C

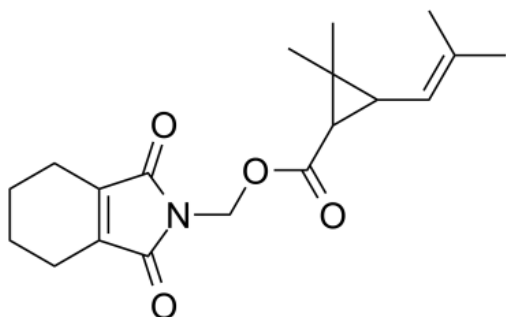
Formula $C_{19}H_{25}NO_4$ M.Wt 331.41

Solubility DMSO : 25 mg/mL (75.44 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

Tetramethrin is a synthetic pyrethroid insecticide for use on a broad spectrum of insect pests[1].

[1]. Pengfei Zhao, et al. Stereoselective Analysis of Chiral Pyrethroid Insecticides Tetramethrin and α -Cypermethrin in Fruits, Vegetables, and Cereals. J Agric Food Chem. 2019 Aug 21;67(33):9362-9370.

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

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