
Product Data Sheet

Product Name: Pipericide

Cat. No.: GC69712

Chemical Properties

Cas. No. 54794-74-0

Formula $C_{22}H_{29}NO_3$ M.Wt 355.47

Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

Pipericide is an amide of piper nigrum fruits. Pipericide has larvicidal activity to mosquito. Pipericide acts on the nervous system and induces repetitive discharge on the central nerve cord. Pipericide can be used as an insecticide^[1].

[1]. Park IK, et al. Larvicidal activity of isobutylamides identified in Piper nigrum fruits against three mosquito species. J Agric Food Chem. 2002 Mar 27;50(7):1866-70.

[2]. Makoto HATAKOSHI, et al. The Knockdown Activity an Nervous Effect of Piercide against American Cockroach, Periplaneta Americana. Applied Entomology and Zoology. 1984 Volume 19 Issue 3 Pages 288-292.

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

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