

Product Data Sheet

Product Name: Permethrinic acid methyl ester

Cat. No.: GC74676

Chemical Properties

Cas. No. 61898-95-1

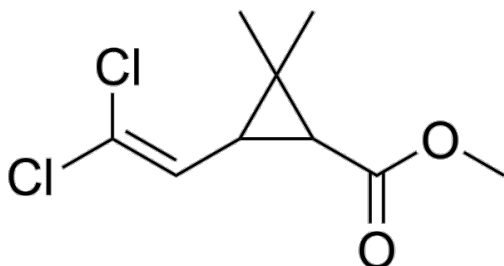
Formula $C_9H_{12}Cl_2O_2$ M.Wt 223.1

Solubility DMSO : 200 mg/mL (896.46 mM; Storage -20°C
Need ultrasonic)

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

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Permethrinic Acid MetI Ester is a derivative of the insecticide Permethrin . Permethrin is an insecticide, an acaricide, and a highly selective inhibitor of mitochondrial complex I.

References:

- [1]. Altarawneh M, et al. Pyrolysis of permethrin and formation of precursors of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/F) under non-oxidative conditions. Chemosphere. 2009 Mar;74(11):1435-43.
- [2]. Newman JW, et al. Epoxide drolases: their roles and interactions with lipid metabolism. Prog Lipid Res. 2005 Jan;44(1):1-51.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA