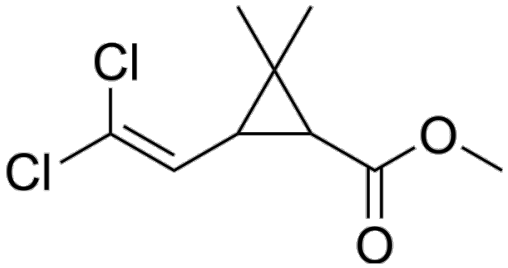
Product Data Sheet

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; Need ultrasonic)	Storage	-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

Product Data Sheet

Permethrinic Acid Metl 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.
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