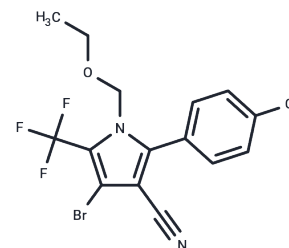


Chlorfenapyr

Chemical Properties

CAS No. :	122453-73-0
Formula:	C ₁₅ H ₁₁ BrClF ₃ N ₂ O
Molecular Weight:	407.61
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Chlorfenapyr (AC 303630) is a pyrrole insecticide and converts active substances (insecticidal activity) in insects by a multifunctional oxidase
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 200 mg/mL(490.66 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4533 mL	12.2666 mL	24.5333 mL
5 mM	0.4907 mL	2.4533 mL	4.9067 mL
10 mM	0.2453 mL	1.2267 mL	2.4533 mL
50 mM	0.0491 mL	0.2453 mL	0.4907 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Oxborough RM, N'Guessan R, et al. The activity of the pyrrole insecticide chlorfenapyr in mosquito bioassay: towards a more rational testing and screening of non-neurotoxic insecticides for malaria vector control. Malar J.

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