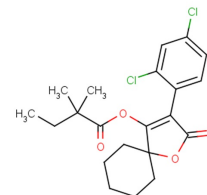


Spirodiclofen

Chemical Properties

CAS No.:	148477-71-8
Formula:	C ₂₁ H ₂₄ Cl ₂ O ₄
Molecular Weight:	411.32
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Spirodiclofen is a selective, non-systemic acaricide from the new chemical class of tetronic acid derivatives, with no cross resistance to currently available acaricides and with additional insecticidal properties.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 28 mg/mL (68.07 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.431 mL	12.156 mL	24.312 mL
5 mM	0.486 mL	2.431 mL	4.862 mL
10 mM	0.243 mL	1.216 mL	2.431 mL
50 mM	0.049 mL	0.243 mL	0.486 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. De Maeyer L, et al. The multiple target use of spirodiclofen (Envidor 240 SC) in IPM pomefruit in Belgium. Commun Agric Appl Biol Sci. 2009;74(1):225-232.

Inhibitors · Natural Compounds · Compound Libraries

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