

FM-8007

Chemical Properties

CAS No. :	2813350-96-6
Formula:	C16H8Cl2F8S2
Molecular Weight:	487.25
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	FM-8007 is a potent acaricide with broad-spectrum effectiveness against the carmine spider mite (<i>Tetranychus cinnabarinus</i>), exhibiting LC50 values of 1.1 mg/L for adult mites, 0.25 mg/L for nymphs, and 0.85 mg/L for eggs. It also provides prolonged field control of the citrus red mite (<i>Panonychus citri</i>). FM-8007 is suitable for Integrated Pest Management (IPM).
Targets(IC50)	Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0523 mL	10.2617 mL	20.5233 mL
5 mM	0.4105 mL	2.0523 mL	4.1047 mL
10 mM	0.2052 mL	1.0262 mL	2.0523 mL
50 mM	0.041 mL	0.2052 mL	0.4105 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481