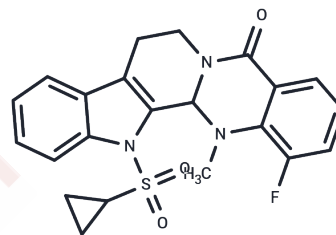


Insecticidal agent 7

Chemical Properties

CAS No. : 2951079-77-7
 Formula: C₂₂H₂₀FN₃O₃S
 Molecular Weight: 425.48
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	Insecticidal Agent 7 (Compound 21m) is an insecticide that acts on insect ryanodine receptors (RyRs), exhibiting a potency with a LC 50 of 0.0937 mg/L against <i>Plutella xylostella</i> . It demonstrates significant selectivity and minimal toxicity toward non-target organisms [1].
Targets(IC50)	Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3503 mL	11.7514 mL	23.5029 mL
5 mM	0.4701 mL	2.3503 mL	4.7006 mL
10 mM	0.235 mL	1.1751 mL	2.3503 mL
50 mM	0.047 mL	0.235 mL	0.4701 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

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