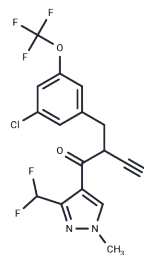


SDH-IN-29

Chemical Properties

CAS No. :	3085095-22-0
Formula:	C ₁₆ H ₁₁ ClF ₅ N ₃ O ₂
Molecular Weight:	407.72
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	SDH-IN-29 (Compound A33) is an SDH inhibitor with an IC ₅₀ of 0.0709 μM. It exhibits a broad spectrum of antifungal activity, with EC ₅₀ values of 0.356, 0.798, and 0.146 μg/mL against <i>Fusarium graminearum</i> , <i>Sclerotinia sclerotiorum</i> , and <i>Rhizoctonia solani</i> , respectively. SDH-IN-29 provides moderate to significant protection against rice blast, wheat scab, and cucumber powdery mildew.
Targets(IC50)	Others,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4527 mL	12.2633 mL	24.5266 mL
5 mM	0.4905 mL	2.4527 mL	4.9053 mL
10 mM	0.2453 mL	1.2263 mL	2.4527 mL
50 mM	0.0491 mL	0.2453 mL	0.4905 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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