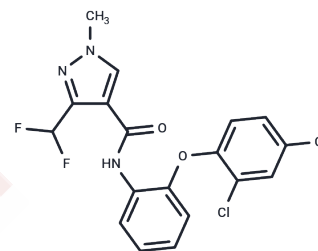


Y12196

Chemical Properties

CAS No. : 1671025-91-4
 Formula: C₁₈H₁₃Cl₂F₂N₃O₂
 Molecular Weight: 412.22
 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	Y12196, a newly developed succinate dehydrogenase inhibitor (SDHI), demonstrates potent fungicidal effects specifically targeting <i>F. graminearum</i> .
Targets(IC50)	Others,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4259 mL	12.1294 mL	24.2589 mL
5 mM	0.4852 mL	2.4259 mL	4.8518 mL
10 mM	0.2426 mL	1.2129 mL	2.4259 mL
50 mM	0.0485 mL	0.2426 mL	0.4852 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.

Reference

Chen W, et al. Point Mutations in FgSdhC2 or in the 5' Untranslated Region of FgSdhC1 Confer Resistance to a Novel Succinate Dehydrogenase Inhibitor Flubeneteram in *Fusarium graminearum*. *J Agric Food Chem.* 2021 Nov 10;69(44):13006-13019.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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