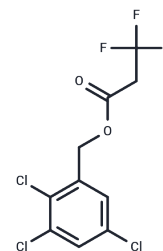


Antibacterial agent 232

Chemical Properties

CAS No. :	2694805-94-0
Formula:	C ₁₀ H ₆ Cl ₃ F ₃ O ₂
Molecular Weight:	321.51
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	Antibacterial agent 232 (compound Y41) functions as an effective antimicrobial agent. It compromises the integrity of cell membranes by inducing cellular peroxidation.
Targets(IC50)	Antifungal
In vitro	Compound Y41 (antibacterial agent 232) exhibits antifungal activity against Botrytis cinerea, with an EC50 value of 0.708 mg/L.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1103 mL	15.5516 mL	31.1032 mL
5 mM	0.6221 mL	3.1103 mL	6.2206 mL
10 mM	0.311 mL	1.5552 mL	3.1103 mL
50 mM	0.0622 mL	0.311 mL	0.6221 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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