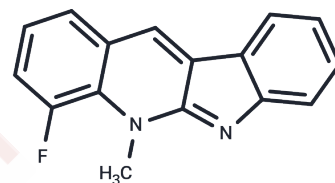


T3SS-IN-4

Chemical Properties

CAS No. : 2316760-41-3
 Formula: C₁₆H₁₁FN₂
 Molecular Weight: 250.27
 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	T3SS-IN-4 (Compound Z-8) serves as an inhibitor specifically targeting the Type III secretion system (T3SS) of <i>Xanthomonas oryzae</i> pv <i>oryzae</i> (X oo), effectively curbing the expression of T3SS-related genes without impeding bacterial growth. This compound not only diminishes the hypersensitive response (HR) triggered by X oo in tobacco but also reduces the pathogenicity of X oo in rice [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9957 mL	19.9784 mL	39.9568 mL
5 mM	0.7991 mL	3.9957 mL	7.9914 mL
10 mM	0.3996 mL	1.9978 mL	3.9957 mL
50 mM	0.0799 mL	0.3996 mL	0.7991 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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