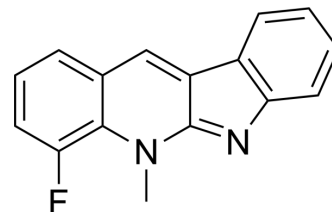


T3SS-IN-4

Cat. No.:	HY-162376
CAS No.:	2316760-41-3
Molecular Formula:	C ₁₆ H ₁₁ FN ₂
Molecular Weight:	250.27
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

T3SS-IN-4 (Compound Z-8) is a T3SS inhibitor that can inhibit the expression of *Xanthomonas oryzae* pv *oryzae* (*X_{oo}*) T3SS-related genes without affecting bacterial growth. T3SS-IN-4 can effectively reduce the hypersensitive response (HR) induced by *X_{oo}* in tobacco and lower the pathogenicity of *X_{oo}* in rice^[1].

REFERENCES

[1]. Shao J, et al. Application and Mechanism of Cryptolepine and Neocryptolepine Derivatives as T3SS Inhibitors for Control of Bacterial Leaf Blight on Rice. *J Agric Food Chem.* 2024;72(13):6988-6997.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA