



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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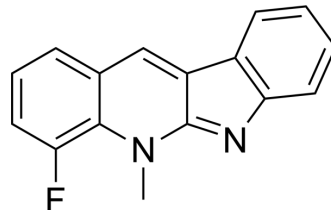
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## T3SS-IN-4

Cat. No.:	HY-162376
CAS No.:	2316760-41-3
Molecular Formula:	C <sub>16</sub> H <sub>11</sub> FN <sub>2</sub>
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<sub>oo</sub>*) T3SS-related genes without affecting bacterial growth. T3SS-IN-4 can effectively reduce the hypersensitive response (HR) induced by *X<sub>oo</sub>* in tobacco and lower the pathogenicity of *X<sub>oo</sub>* in rice<sup>[1]</sup>.

## 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.**

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