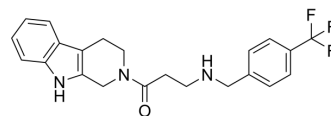


ROS inducer 3

Cat. No.:	HY-155662
CAS No.:	2921602-09-5
Molecular Formula:	C ₂₂ H ₂₂ F ₃ N ₃ O
Molecular Weight:	401.42
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

ROS inducer 3 (Compound I6) is a ROS inducer. ROS inducer 3 has excellent in vitro bioactivity with an EC₅₀ of 2.86 μg/mL. ROS inducer 3 has significant protective activity for preventing *Pseudomonas syringae* pv. *actinidiae*. ROS inducer 2, as a bactericidal agent, can be used for the research of intractable plant bacterial diseases^[1].

REFERENCES

[1]. Liu HW, et al. Discovery and Structural Optimization of 1,2,3,4-Tetrahydro-β-carbolines as Novel Reactive Oxygen Species Inducers for Controlling Intractable Plant Bacterial Diseases. *J Agric Food Chem.* 2023 Jul 26;71(29):11035-11047.

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

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