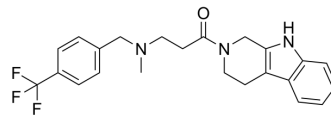


ROS inducer 2

Cat. No.:	HY-155661
CAS No.:	2921602-19-7
Molecular Formula:	C ₂₃ H ₂₄ F ₃ N ₃ O
Molecular Weight:	415.45
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 2 (Compound I16) is a ROS inducer. ROS inducer 2 has good activity in vitro, with an EC₅₀ of 3.43 μg/mL. ROS inducer 2 has outstanding bioactivities in vivo against *Xanthomonas axonopodis* pv. *citri*. 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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