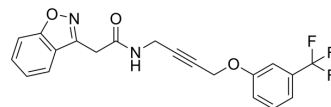


LasR antagonist 1

Cat. No.:	HY-158124
CAS No.:	1421464-74-5
Molecular Formula:	C ₂₀ H ₁₅ F ₃ N ₂ O ₃
Molecular Weight:	388.34
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

LasR antagonist 1 (Compound 7) is an antagonist for LasR with an IC₅₀ of 0.4 μM, that modulates the quorum sensing (QS) in the opportunistic pathogen *Pseudomonas aeruginosa*^[1].

REFERENCES

[1]. Manson DE, Ananiev GE, Guo S, Ericksen SS, Santa EE, Blackwell HE. Abiotic Small Molecule Inhibitors and Activators of the LasR Quorum Sensing Receptor in *Pseudomonas aeruginosa* with Potencies Comparable or Surpassing N-Acyl Homoserine Lactones. *ACS Infect Dis.* 2024 Mar 20.

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

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