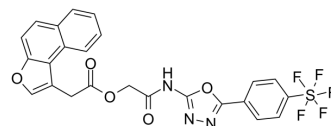


LtaS-IN-2

Cat. No.:	HY-156416
Molecular Formula:	C ₂₄ H ₁₆ F ₅ N ₃ O ₅ S
Molecular Weight:	553.46
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

LtaS-IN-2 (compound 13) is a inhibitor of LTA synthesis, and shows antibacterial activity against *S. aureus* and *S. epidermidis*, with the MIC₉₀ of 0.5 µg/mL and 1 µg/mL, respectively. LtaS-IN-2 is a derivative of LtaS-IN-1 (HY-135813)^[1].

REFERENCES

[1]. Douglas EJA, Marshall B, Alghamadi A, et al. Improved Antibacterial Activity of 1,3,4-Oxadiazole-Based Compounds That Restrict *Staphylococcus aureus* Growth Independent of LtaS Function [published online ahead of print, 2023 Oct 13]. *ACS Infect Dis.* 2023;10.1021/acsinfecdis.3c00250.

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

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