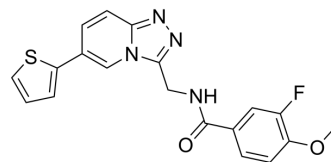


## LasR agonist 1

Cat. No.:	HY-158120
Molecular Formula:	C <sub>19</sub> H <sub>15</sub> N <sub>4</sub> O <sub>2</sub> S
Molecular Weight:	382.41
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	LasR agonist 1 (9) is a LasR agonist, with an EC <sub>50</sub> of 0.7 μM. Used for <i>P. aeruginosa</i> research <sup>[1]</sup> .
IC <sub>50</sub> & Target	EC50: 0.7 μM (LasR) <sup>[1]</sup> .

### REFERENCES

[1]. Daniel E Manson, et al. 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 Apr 12;10(4):1212-1221.

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

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