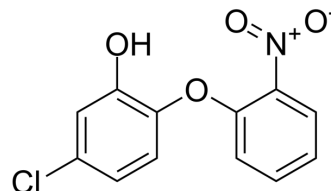


BaENR-IN-1

Cat. No.:	HY-160679
CAS No.:	1071966-17-0
Molecular Formula:	C ₁₂ H ₈ ClNO ₄
Molecular Weight:	265.65
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

BaENR-IN-1 (Compound 5) is an inhibitor of Enoyl-Acyl Carrier Protein Reductase (ENR) ($IC_{50} = 7.7 \mu\text{M}$). BaENR-IN-1 blocks the synthesis of fatty acids essential for bacterial growth by inhibiting the bacterial enzyme ENR. BaENR-IN-1 shows activity against bacteria^[1].

REFERENCES

[1]. Suresh K Tipparaju, et al. Design and synthesis of aryl ether inhibitors of the Bacillus anthracis enoyl-ACP reductase. ChemMedChem. 2008 Aug;3(8):1250-68.

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

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