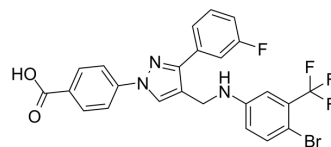


FASN-IN-6

Cat. No.:	HY-155282
CAS No.:	3032387-88-2
Molecular Formula:	C ₂₄ H ₁₆ BrF ₄ N ₃ O ₂
Molecular Weight:	534.3
Target:	Fatty Acid Synthase (FASN); Bacterial
Pathway:	Metabolic Enzyme/Protease; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

FASN-IN-6 (compound 44) is a potent fatty acid biosynthesis (FAB) inhibitor. FASN-IN-6 is an antibacterial agent with MICs of 1 µg/mL and 4 µg/mL for *S. aureus* ATCC 25923 and *E. faecalis* ATCC 29212, respectively^[1].

REFERENCES

[1]. Subrata Roy, et al. Development and Antibacterial Properties of 4-[4-(Anilinomethyl)-3-phenylpyrazol-1-yl]benzoic Acid Derivatives as Fatty Acid Biosynthesis Inhibitors. *J Med Chem.* 2023 Oct 12;66(19):13622-13645.

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

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