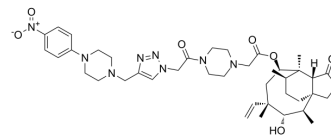


CYP3A4 enzyme-IN-1

Cat. No.:	HY-146177
CAS No.:	2531281-25-9
Molecular Formula:	C ₄₁ H ₅₈ N ₈ O ₇
Molecular Weight:	774.95
Target:	Bacterial; Cytochrome P450
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

CYP3A4 enzyme-IN-1 (compound 59) is a potent antibacterial agent, with a MIC of 1 µg/mL for MRSA. CYP3A4 enzyme-IN-1 exhibits low to moderate inhibitory effects on CYP1A2, CYP2E1, CYP2D6, and CYP3A4 enzymes^[1].

REFERENCES

[1]. Zhang GY, et, al. Design, synthesis and biological evaluation of novel pleuromutilin derivatives containing piperazine and 1,2,3-triazole linker. *Bioorg Chem.* 2020 Dec;105:104398.

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

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