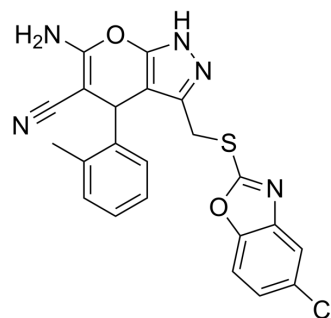


Antimicrobial agent-4

Cat. No.:	HY-147944
CAS No.:	2429922-67-6
Molecular Formula:	C ₂₂ H ₁₆ ClN ₅ O ₂ S
Molecular Weight:	449.91
Target:	Bacterial; Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antimicrobial agent-4 (compound 6a) is a potent antimicrobial agent. Antimicrobial agent-4 exhibits considerable activity against the microbial pathogens. Antimicrobial agent-4 delivers reliable toxicity to kill the bacteria and fungi. Antimicrobial agent-4 shows high binding energy value of -10.0 kcal/mole against the target enzyme^[1].

REFERENCES

[1]. Reddy GM, et al. Novel pyranopyrazole derivatives comprising a benzoxazole core as antimicrobial inhibitors: Design, synthesis, microbial resistance and machine aided results. *Bioorg Chem.* 2020 Jul;100:103908.

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

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