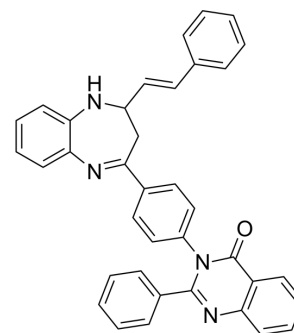


Antibacterial agent 189

Cat. No.:	HY-162273
Molecular Formula:	C ₃₇ H ₂₈ N ₄ O
Molecular Weight:	544.64
Target:	Bacterial; Smo; Gli
Pathway:	Anti-infection; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antibacterial agent 189 (compound 3a) is a potent antimicrobial agent. Antibacterial agent 189 offers high binding energy against the target OMPA/exo-1,3-beta-glucanase proteins. Antibacterial agent 189 exhibits the potent antimicrobial activities against *E. coli*, *P. aeruginosa*, *S. aureus*, *B. subtilis*, *C. Albicans* and *A. flavus*. Antibacterial agent 189 shows high binding energy against target SMO and SUFU/GLI-1 proteins^[1].

REFERENCES

[1]. Noser AA, et al. Synthesis and molecular docking simulations of novel azepines based on quinazolinone moiety as prospective antimicrobial and antitumor hedgehog signaling inhibitors. *Sci Rep.* 2024 Feb 12;14(1):3530.

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

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