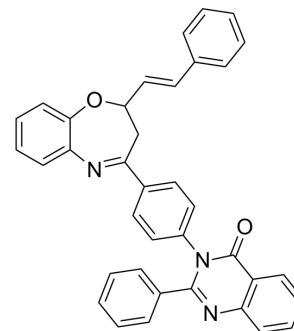


Oxazepine

Cat. No.:	HY-162274
Molecular Formula:	C ₃₇ H ₂₇ N ₃ O ₂
Molecular Weight:	545.63
Target:	Hedgehog; Antibiotic
Pathway:	Stem Cell/Wnt; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Oxazepine (compound 4a) has antimicrobial viability via binding OMPA/ exo-1,3-beta-glucanase proteins. Oxazepine is a hedgehog signaling inhibitor with antitumor viability^[1].

REFERENCES

[1]. Ahmed A Nose, 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, 14, 1.

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

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