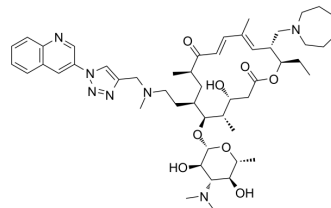


Antibacterial agent 109

Cat. No.:	HY-147835
CAS No.:	2649396-65-4
Molecular Formula:	C ₅₀ H ₇₅ N ₇ O ₈
Molecular Weight:	902.17
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antibacterial agent 109 (Compound C-2) is a potent antibacterial agent against both gram-positive and gram negative bacteria, and non-mutagenic. Antibacterial agent 109 inhibits protein synthesis by blocking the extension of new peptide chains^[1].

REFERENCES

[1]. Zhai H, et al. Design, synthesis and activity against drug-resistant bacteria evaluation of C-20, C-23 modified 5-O-mycaminosyltylonolide derivatives. Eur J Med Chem. 2022 Aug 5;238:114495.

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

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