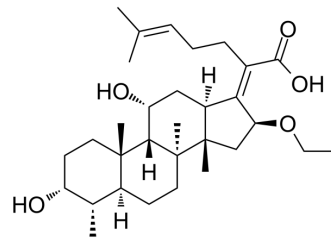


Antimycobacterial agent-2

Cat. No.:	HY-147704
CAS No.:	62670-49-9
Molecular Formula:	C ₃₁ H ₅₀ O ₅
Molecular Weight:	502.73
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antimycobacterial agent-2 (compound 58) is a potent antimycobacterial agent. Antimycobacterial agent-2 shows anti-mycobacterial activities with an MIC₉₉ of 0.8 μM for Mycobacterium tuberculosis (M.tb) H37Rv. Antimycobacterial agent-2 shows cytotoxic activities with an IC₅₀ of 48.1 μM for CHO cells^[1].

REFERENCES

[1]. Singh K, et al. Structure-activity relationship analyses of fusidic acid derivatives highlight crucial role of the C-21 carboxylic acid moiety to its anti-mycobacterial activity. *Bioorg Med Chem.* 2020 Jul 1;28(13):115530.

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

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