

Product Data Sheet

Anti-MRSA agent 4

Cat. No.: HY-146428 Molecular Formula: $C_{48}H_{68}F_{6}N_{4}O_{8}$

Molecular Weight: 943.07 Target: Bacterial

Pathway: Anti-infection

Storage: Please store the product under the recommended conditions in the Certificate of

Analysis.

BIOLOGICAL ACTIVITY

Description	Anti-MRSA agent 4 (compound 7a) is a potent and selective growth inhibitor of Gram-positive Methicillin-resistant $Staphylococcus \ aureus$ (MRSA), with MIC \leq 0.26 μ M. Anti-MRSA agent 4 exhibits no cytotoxic and no hemolytic activity in HEK293 cells ^[1] .
IC ₅₀ & Target	MIC: $\leq 0.26 \mu\text{M} (\text{MRSA})^{[1]}$

REFERENCES

[1]. Li SA, et al. Valorisation of the diterpene podocarpic acid - Antibiotic and antibiotic enhancing activities of polyamine conjugates. Bioorg Med Chem. 2022;64:116762.

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

Proteins

Inhibitors