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(54) Title: RIFAMYCIN ANALOGS AND ANTIBODY-DRUG CONJUGATES THEREOF

(57) Abstract: The disclosure relates to rifamycin analog compounds, intermediates and precursors thereof, and pharmaceutical compositions capable of inhibiting bacterial growth (e.g., *S. aureus* growth) and treating bacterial infections (e.g., *S. aureus* infections). The disclosure further relates to antibody-drug conjugates of rifamycin analog compounds and antibodies, for example, antibodies specific for infectious disease-related targets such as membrane glycoprotein receptor (MSR1), wall teichoic acids (WTA) or Protein A, and methods of use thereof to inhibit bacterial growth and treat bacterial infections.

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