

# Accepted Manuscript

Alkynyl-containing phenylthiazoles: Systemically active antibacterial agents effective against methicillin-resistant *Staphylococcus aureus* (MRSA)

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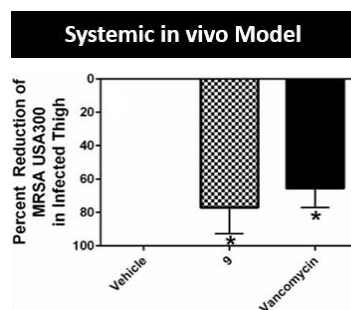
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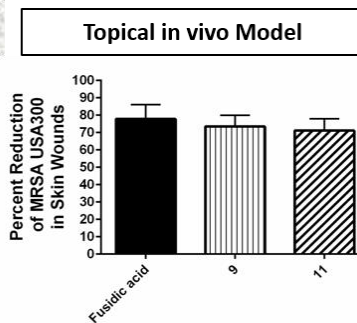
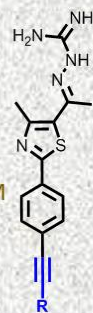
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**Bacteriological profile:**  
 MIC (MRSA)= 0.5-2  $\mu\text{g/mL}$   
 MIC (VRSA)= 0.5-2  $\mu\text{g/mL}$   
 Fast bactericidal agents  
 Active against intracellular MRSA  
**Biochemical assays:**  
 $\text{IC}_{50}$  (UPPP)= 6  $\mu\text{M}$ ;  $\text{IC}_{50}$  (UPPS)= 19  $\mu\text{M}$   
**In vivo PK profile:**  
 $t_{1/2}$  > 4.4 h; CL= 5.6 L/hr; Vd= 18.5 L  
 Stable to hepatic metabolism



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