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(54) **Title:** 8-METHOXY-9H-ISOTHIAZOLO[5,4-B]QUINOLINE-3,4-DIONES AND RELATED COMPOUNDS AS ANTI-INFECTIVE AGENTS

(57) **Abstract:** The invention provides compound and salts of Formula (I) and (II), disclosed herein, which includes compounds of Formula (A) and Formula (B) such compounds possess useful antimicrobial activity. The variables R_2, R_3, R_5, R_6, R_7, and R_9 shown in Formula A and B are defined herein. Certain compounds of Formula (I) and Formula (II) disclosed herein are potent and/or selective inhibitors of bacterial DNA synthesis and bacterial replication. The invention also provides antimicrobial compositions, including pharmaceutical compositions, containing one or more compounds of Formula (I) or Formula (II) and one or more carriers, excipients, or diluents. Such compositions may contain a compound of Formula (I) or Formula (II) as the only active agent or may contain a combination of a compound of Formula I or Formula II and one or more other active agents. The invention also provides methods for treating microbial infections in animals.

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