

Title (en)
BISMUTH-THIOLS AS ANTISEPTICS FOR BIOMEDICAL USES, INCLUDING TREATMENT OF BACTERIAL BIOFILMS AND OTHER USES

Title (de)
WISMUT-THIOLE ALS ANTISEPTIKA ZUR BIOMEDIZINISCHEN VERWENDUNG EINSCHLIESSLICH BEHANDLUNG BAKTERIELLER BIOFILME UND ANDERER VERWENDUNGEN

Title (fr)
BISMUTH-THIOLS COMME ANTISEPTIQUES DESTINÉS À DES UTILISATIONS BIOMÉDICALES, COMPRENANT LE TRAITEMENT DE BIOFILMS BACTÉRIENS ET D'AUTRES UTILISATIONS

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Application
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Priority
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• US 2011023549 W 20110203

Abstract (en)
[origin: WO2011097347A2] Compositions and methods, including novel homogeneous microparticulate suspensions, are described for treating natural surfaces that contain bacterial biofilm, including unexpected synergy or enhancing effects between bismuth-thiol (BT) compounds and certain antibiotics, to provide formulations including antiseptic formulations. Previously unpredicted antibacterial properties and anti-biofilm properties of disclosed BT compounds and BT compound-plus-antibiotic combinations are also described, including preferential efficacies of certain such compositions for treating certain gram-positive bacterial infections, and distinct preferential efficacies of certain such compositions for treating certain gram-negative bacterial infections.

IPC 8 full level
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Citation (search report)
• [XPL] WO 2010091124 A2 20100812 - MICROBION CORP [US], et al
• [XI] US 2002197282 A1 20021226 - MOHSENI SAEED H [US], et al
• See references of WO 2011097347A2

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