Technology: Compounds having antiparasitic or anti-infectious activity

VA ID Number: 07-173

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Location: Portland, OR

Topic: Immunology

USPTO Issue Date: 12/8/2015

Patent Number: 9,206,131

The VA has a joint ownership interest with Oregon Health & Science University, the University of South Florida and the Medicines for Malaria Venture

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Abstract: Compounds of formula I: ##STR00001## or formula II: ##STR00002## or a pharmaceutically acceptable salt of formula I or formula II, wherein: R.sup.1 is H, hydroxyl, alkoxy, acyl, alkyl, cycloalkyl, aryl, or heteroaryl; R.sup.2 is methyl or haloalkyl; R.sup.4 is hydroxyl, carbonyloxy, or carbonyldioxy; and R.sup.3 is aliphatic, aryl, aralkyl, or alkylaryl; and R.sup.5, R.sup.6, R.sup.7 and R.sup.8 are each individually H, halogen, alkoxy, alkyl, haloalkyl, aryl, nitro, cyano, amino, amid, acyl, carboxyl, substituted carboxyl, or --SO.sub.2R.sup.10, wherein R.sup.10 is H, alkyl, amino or haloalkyl; provided that in formula I, R.sup.5 and R.sup.7 are not both H or R.sup.6 is not H or methoxy; and in formula II that if R.sup.4 is carbonyldioxy then R.sup.7 is not methoxy.