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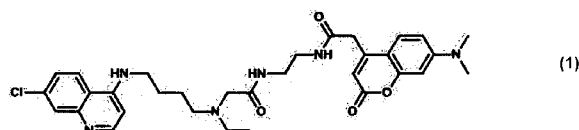
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(54) Title: SYNTHESIS AND USE OF FLUOROPHORE-TAGGED ANTIMALARIALS



(57) Abstract: This invention includes a fluorophore-tagged antimalarial represented by the following structural formula (1) or a salt thereof. This invention relates to the synthesis of fluorophore-tagged antimalarials and describes the synthesis of a fluorophore-tagged antimalarial. These fluorophore-tagged antimalarials can be used to image live cells to determine the location of the antimalarial in the cell, identify drug resistance and growth related pathways in *Plasmodium* isolates, identify new drug targets and chemo-sensitizers to reverse drug resistance.