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(54) Title (EN): POLYNUCLEOTIDE SEQUENCE, PROCESSES, COMPOSITION AND METHODS THEREOF

(54) Title (FR): SÉQUENCE POLYNUCLÉOTIDIQUE, PROCÉDÉS, COMPOSITION ET MÉTHODES ASSOCIÉS

(57) Abstract:

(EN): The present disclosure relates to a polynucleotide sequence coding for a protein of Trypanosoma species. The disclosure further provides processes for inhibiting said protein for treatment of protozoan infections, Malaria and Surra, by Geldanamycin and 17-AAG. The disclosure also relates to processes for identification of these inhibitions, compositions and method of treatments of said infections. Lastly, the present disclosure also relates to examining the efficacy of Hsp90 inhibitor as an anti-malarial and anti-surra agents.

(FR): La présente invention concerne une séquence polynucléotidique codant pour une protéine de l'espèce Trypanosoma. L'invention concerne en outre des procédés d'inhibition de ladite protéine pour le traitement d'infections protozoaires, la malaria et la surra, par la Geldanamycine et la 17-AAG. L'invention concerne également des procédés d'identification de ces inhibitions, des compositions et des méthodes de traitement desdites infections. Pour finir, la présente invention concerne également l'examen de l'efficacité d'un inhibiteur de Hsp90 comme agents anti-malaria et anti-surra.

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Declarations:

Declaration made as to the identity of the inventor (PCT Rules 4.17(i) and 51bis.1(a)(i))

Declaration made as applicant's entitlement, as at the international filing date, to claim the priority of the earlier application, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America