

ABSTRACT

Knipholone, the first 4 - arylanthraquinone was discovered from the stem of *Kniphofia foliosa* (Asphodelaceae) in 1984 [1]. Since then a number of 4 - arylanthraquinones including knipholone anthrone have been isolated from this plant [2, 3] and other members of the Asphodelaceae, namely from *Bulbine* [4] and from *Bulbinella* species [5]. Compounds belonging to this new class of anthraquinones have rotationally hindered biaryl linkages. The absolute configuration of knipholone and the other members was established by the use of advanced quantum chemical CD calculations [6]. Recently the first dimeric aryl anthraquinones, named joziknipholones A and B, have been discovered from the roots of *Bulbine frutescens* [7]. We have now reinvestigated *Kniphofia foliosa* and identified joziknipholone A and other anthraquinones. More significantly, we have discovered an unprecedented tetrameric phenylanthraquinone, named jozi - joziknipholone. The structures and antiprotozoal activities of these compounds will be discussed