

Threo-austrobailignan-6* and verrucosin, two neolignans isolated from *Saururus cernuus* L. (Saururaceae), exhibit efficacy against *Schistosoma mansoni

Juliana R. Brito¹, Daniel B. Roquini², Beatriz C. Parra², Marina M. Gonçalves³, Dalete Christine S. Souza³, Edgard A. Ferreira⁴, Maria C. Salvadori⁵, Fernanda S. Teixeira⁵, Polrat Wilairatana^{6,*}, João Henrique G. Lago^{3,*}, Josué de Moraes^{2,*}

¹Institute of Environmental, Chemical and Pharmaceutical Sciences, Federal University of São Paulo, Diadema, SP, 09972-270, Brazil

²Research Center on Neglected Diseases, Guarulhos University, Guarulhos, SP, 07023-070, Brazil

³Center for Natural and Human Sciences, Federal University of ABC, Santo André, SP, 09210-180, Brazil

⁴School of Engineering, Mackenzie Presbyterian University, São Paulo, SP, 01302-907, Brazil

⁵Institute of Physics, University of São Paulo, São Paulo, SP, 05508-090, Brazil

⁶Department of Clinical Tropical Medicine, Faculty of Tropical Medicine, Mahidol University, Bangkok 10400, Thailand

*Corresponding authors: joao.lago@ufabc.edu.br (J.H.G.L.); polrat.wil@mahidol.ac.th (P.W.); moraesnpdn@gmail.com (J.d.M.).

Supplementary Information

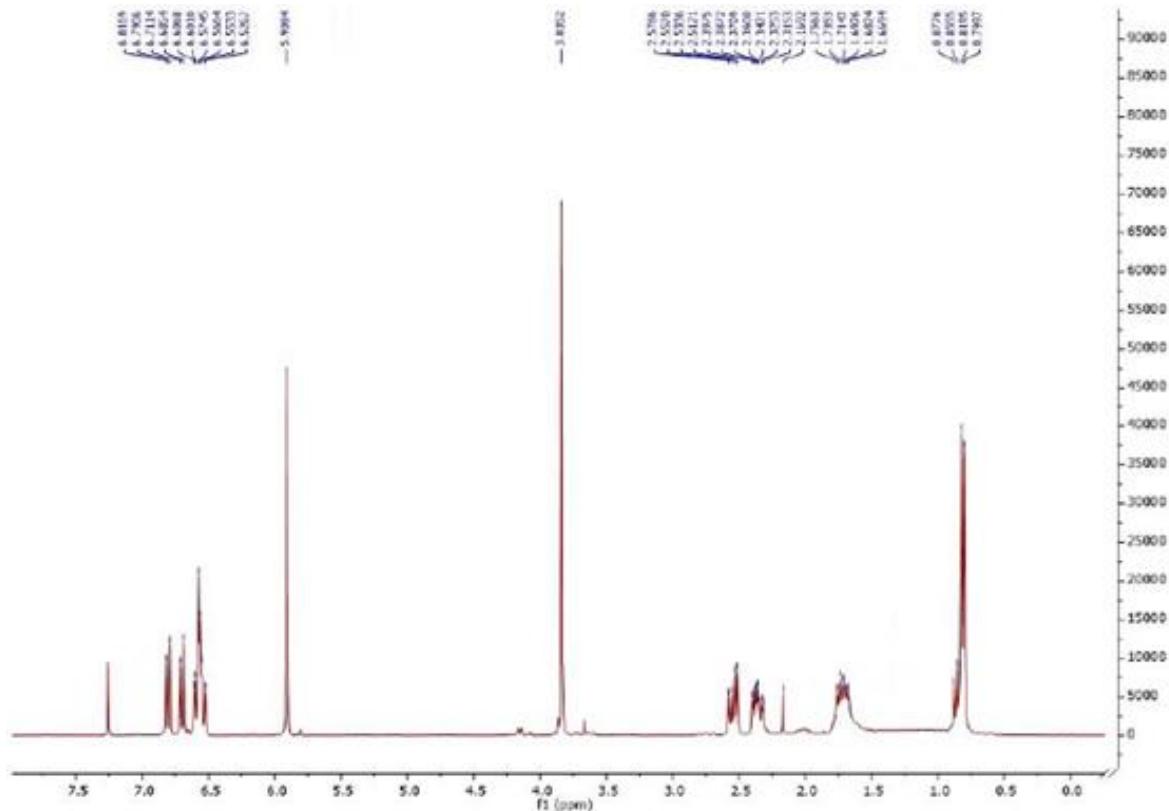


Figure S1. ^1H NMR spectrum of *threo*-austrobailignan-6 (δ , CDCl_3 , 300 MHz).

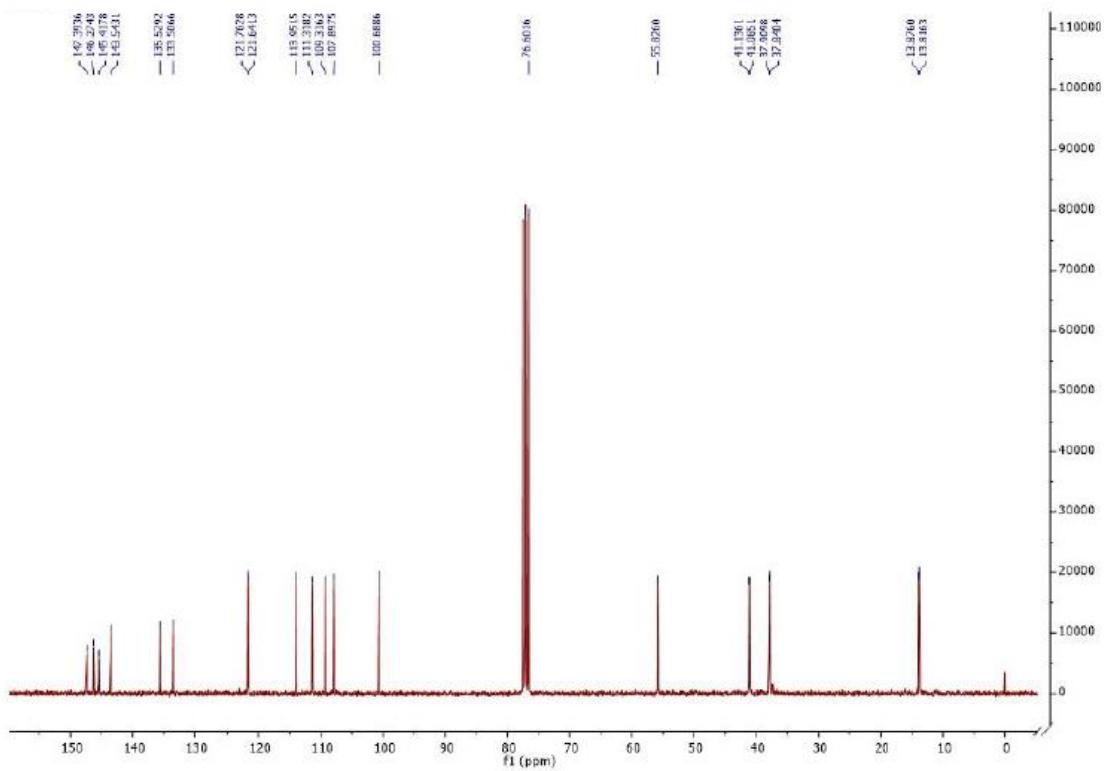


Figure S2. ^{13}C NMR spectrum of *threo*-austrobailignan-6 (δ , CDCl_3 , 75 MHz).

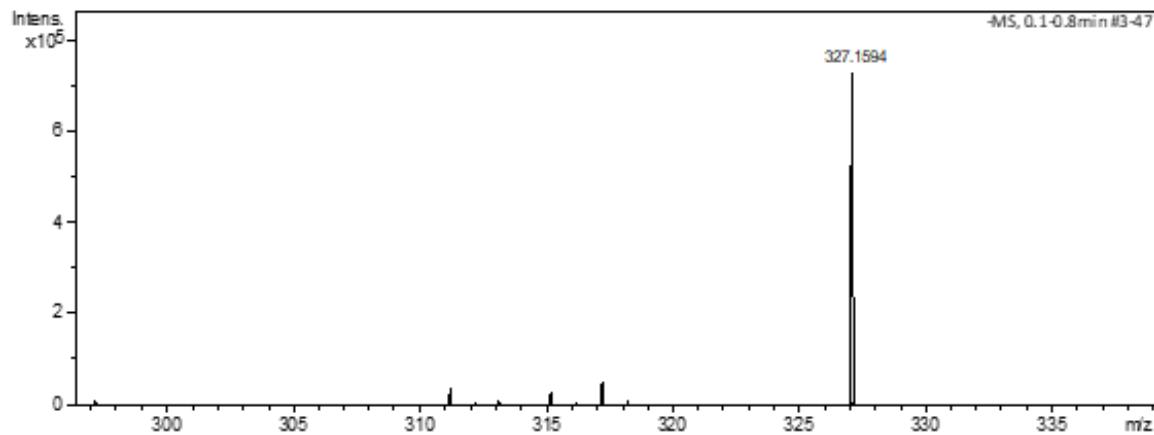


Figure S3. ESI-HRMS spectrum of *threo*-austrobailignan-6 (negative mode).

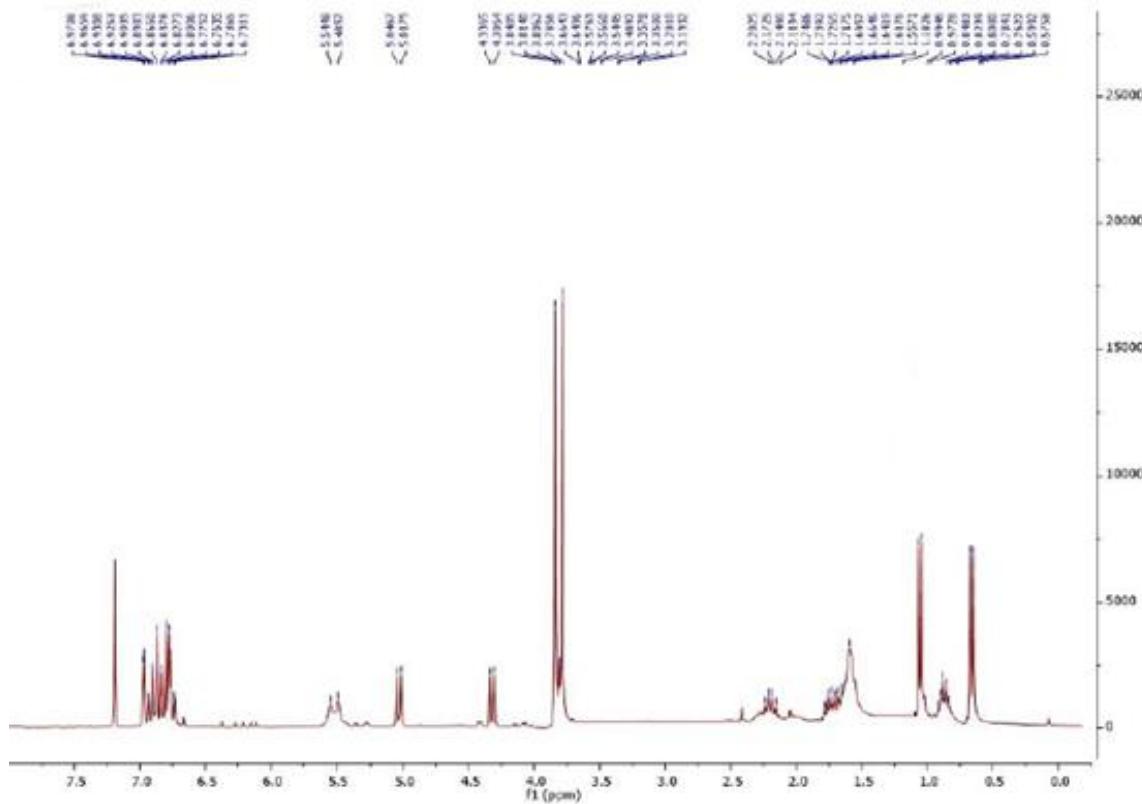


Figure S4. ^1H NMR spectrum of verrucosin (δ , CDCl_3 , 300 MHz)

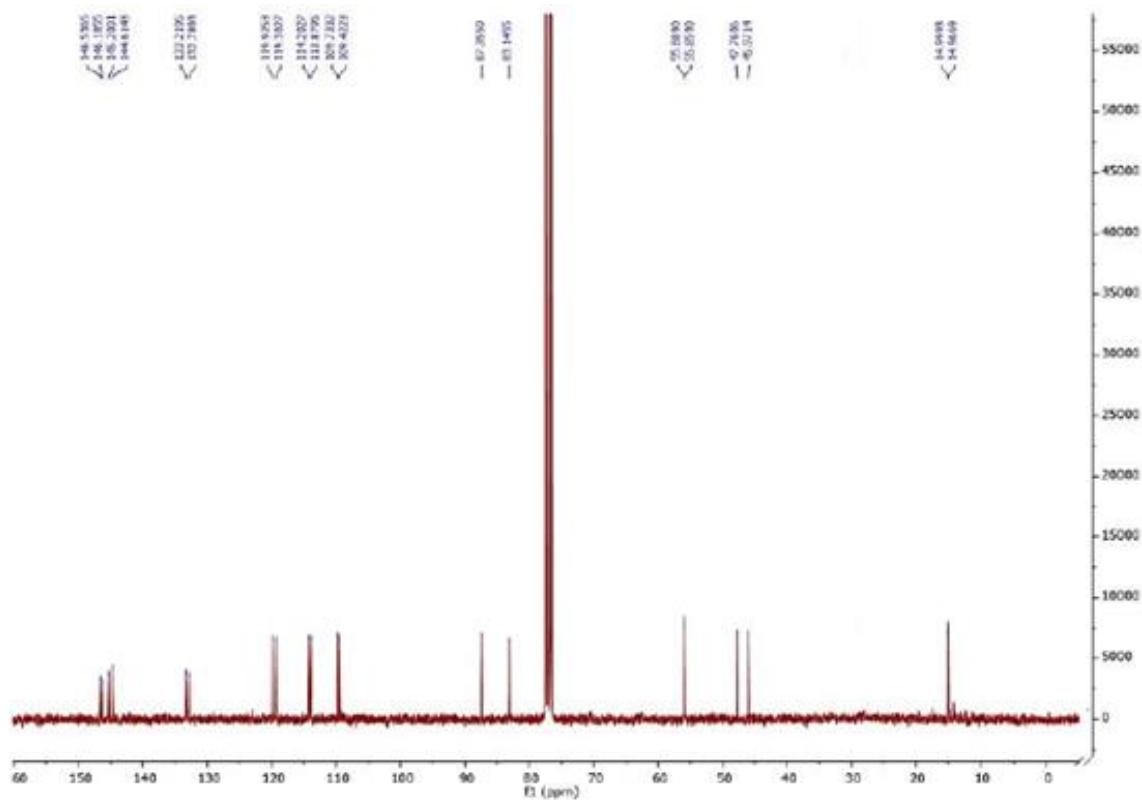


Figure S5. ^{13}C NMR spectrum of verrucosin (δ , CDCl_3 , 75 MHz)

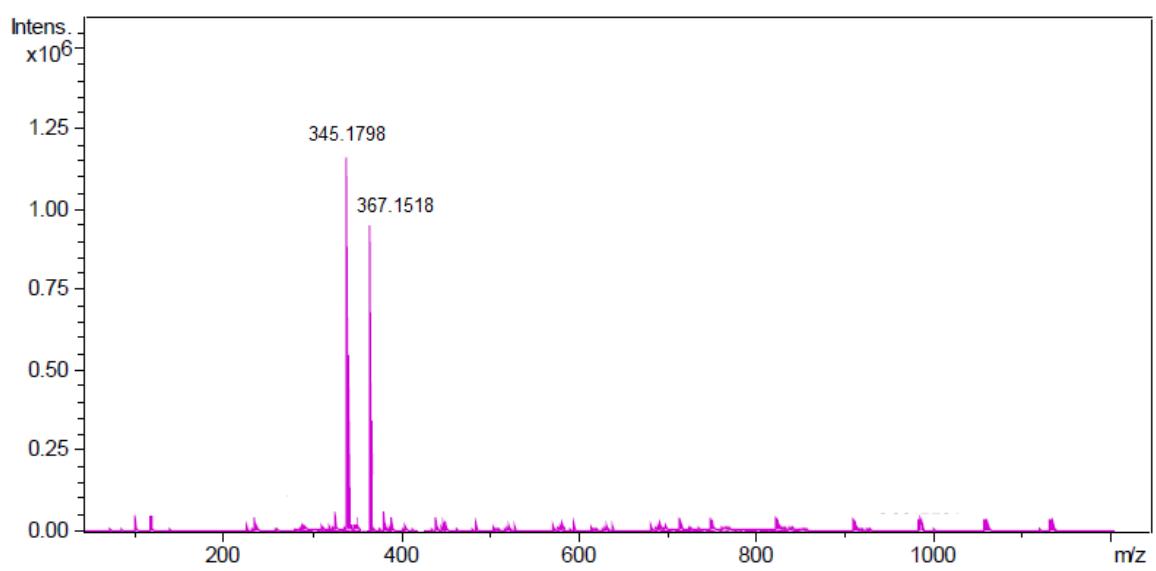


Figure S6. ESI-HRMS spectrum of verrucosin (positive mode).