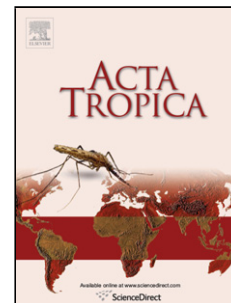


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Author: Ana C. Pereira Márcio L.A.e Silva Julia Medeiros
Souza Rosangela S.de Laurentiz Vanderlei Rodrigues Ana H.
Januário Patrícia M. Pauletti Denise C. Tavares Ademar A.Da
Silva Filho Wilson R. Cunha Jairo K. Bastos Lizandra G.
Magalhães



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In vitro and in vivo anthelmintic activity of (-)-6,6'-dinitrohinokinin against schistosomula and juvenile and adult worms of *Schistosoma mansoni*

Ana C. Pereira^{a,e}, Márcio L. A. e Silva^a, Julia Medeiros Souza^a, Rosangela S. de Laurentiz^b, Vanderlei Rodrigues^c, Ana H. Januário^a, Patrícia M. Pauletti^a, Denise C. Tavares^a, Ademir A. Da Silva Filho^d, Wilson R. Cunha^a, Jairo K. Bastos^e, Lizandra G. Magalhães^{a,*}

^aUniversidade de Franca, Núcleo de Pesquisas em Ciências Exatas e Tecnológicas, CEP 14404-600, Franca, SP, Brazil.

^bUniversidade Estadual Paulista, Faculdade de Engenharia de Ilha Solteira, Departamento de Física e Química, CEP 15385-000, Ilha Solteira, SP, Brazil

^cUniversidade de São Paulo, Faculdade de Medicina de Ribeirão Preto, Departamento de Bioquímica e Imunologia, CEP 14049-900, Ribeirão Preto, SP, Brazil.

^dUniversidade Federal de Juiz de Fora, Faculdade de Farmácia de Juiz de Fora, Departamento de Ciências Farmacêuticas, CEP 36036-900, Juiz de Fora, MG, Brazil

^eUniversidade de São Paulo, Faculdade de Farmácia de Ribeirão Preto, Departamento de Ciências Farmacêuticas, CEP 14030-000, Ribeirão Preto, SP, Brazil.

*Corresponding author. Phone: +55 16 37118871; Fax: +55 16 37118878

E-mail addresses: lizandra.magalhaes@unifran.edu.br or lizandraguidi@gmail.com (L.G. MAGALHÃES).

Highlights

Effects of (-)-6,6'-dinitrohinokinin (DNK) on *S. mansoni* were studied.

The LC₅₀ of DNK against adult worms in vitro was 102.5 ± 4.8 µM at 72 h.

DNK caused mortality of schistosomula with an LC₅₀ of 20.4±1.2 µM at 72 h in vitro.

DNK reduced the total number of eggs by over 83% in vitro.

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