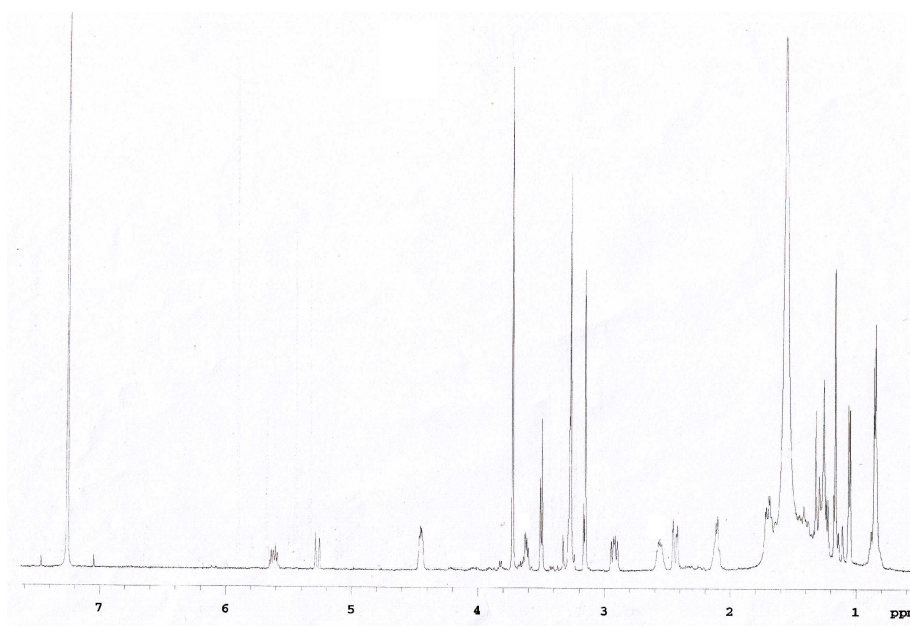


ELECTRONIC SUPPLEMENTARY INFORMATION

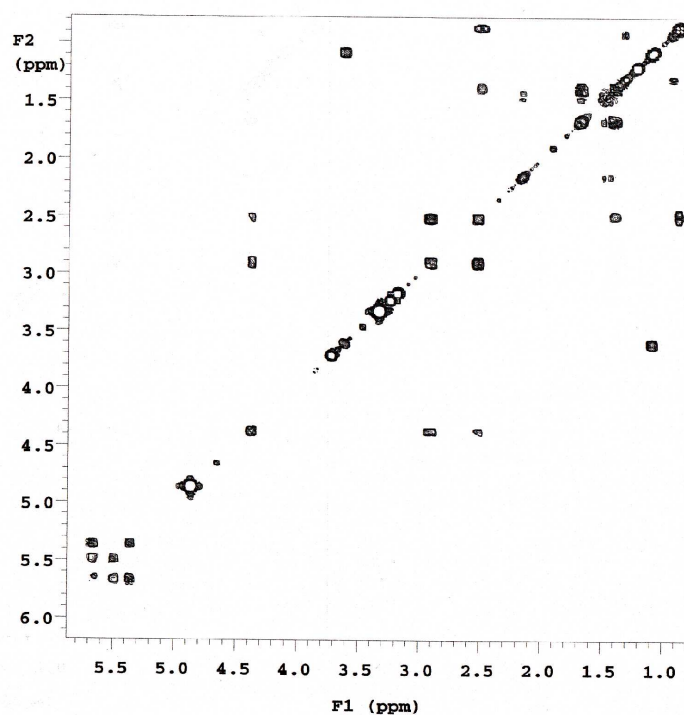
Manadoperoxides, a New Class of Potent Antitrypanosomal Agents of Marine Origin

*Giuseppina Chianese, Ernesto Fattorusso, Fernando Scala, Roberta Teta,
Barbara Calcinai, Giorgio Bavestrello, Henny A. Dien,
Deniz Tasdemir, Orazio Taglialatela-Scafati**

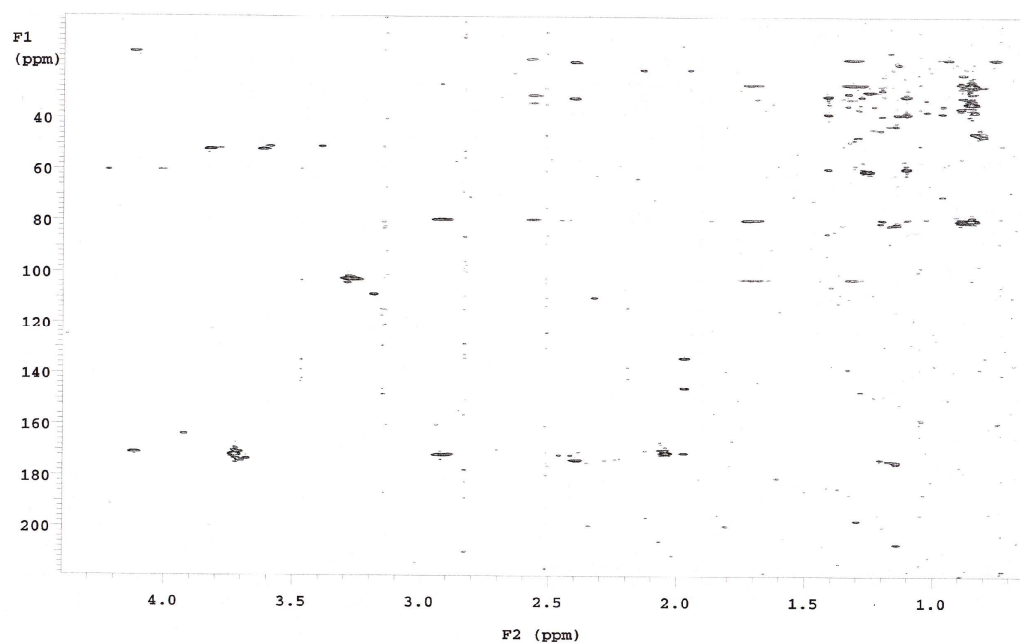
Contents: Copies of ^1H and 2D NMR spectra for the new manadoperoxides
E-K and peroxyplakoric ester C.
Lowest energy conformation of manadoperoxide B



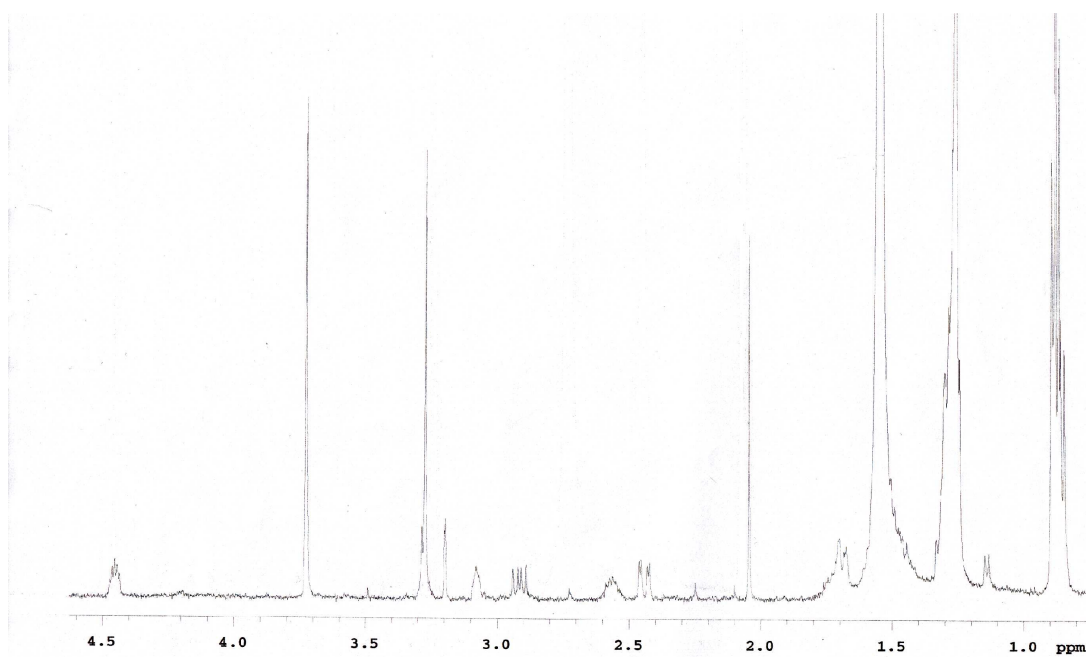
¹H NMR spectrum (CDCl₃) of manadoperoxide F (**8**)



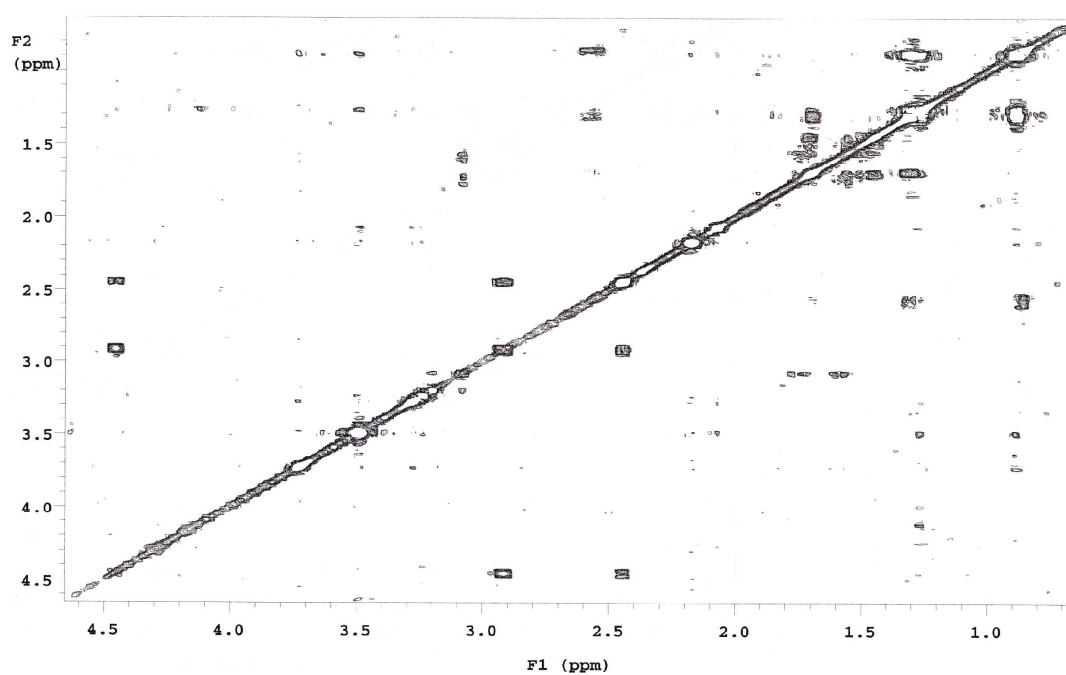
2D COSY NMR spectrum (CDCl₃) of manadoperoxide F (**8**)



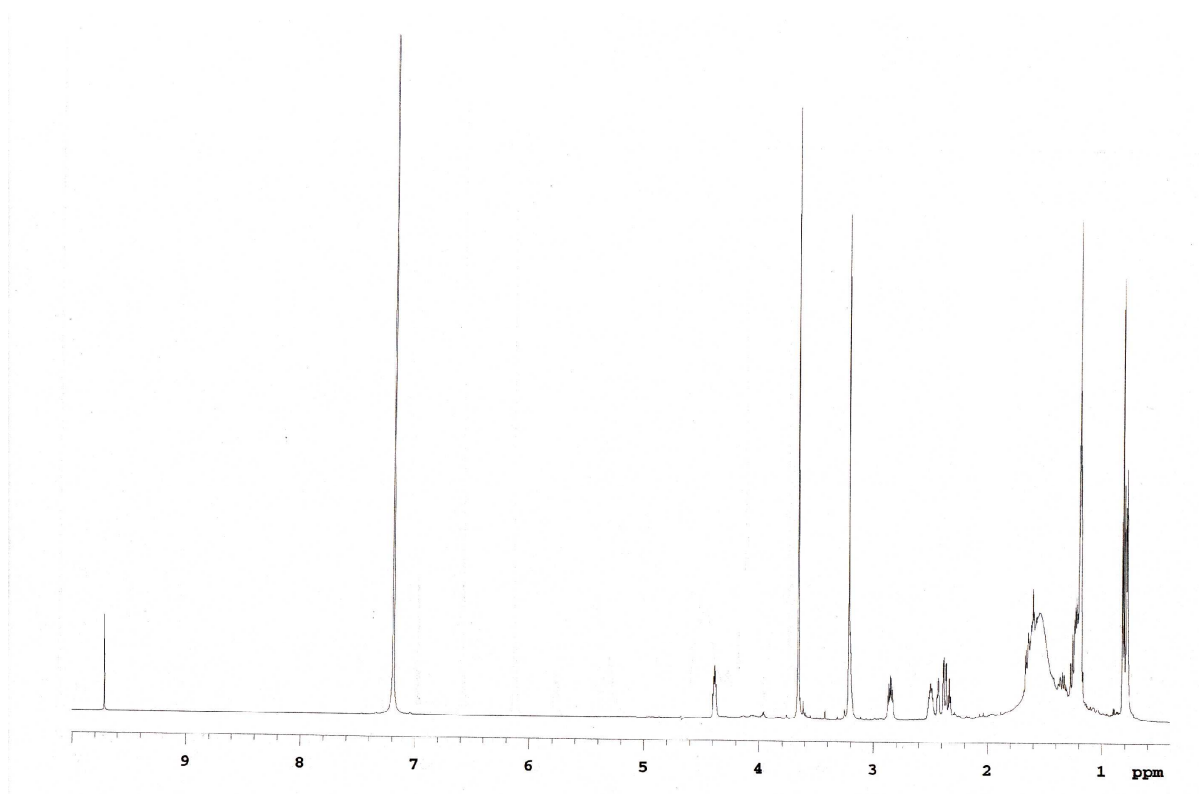
2D HMBC NMR spectrum (CDCl_3) of manadoperoxide F (**8**)



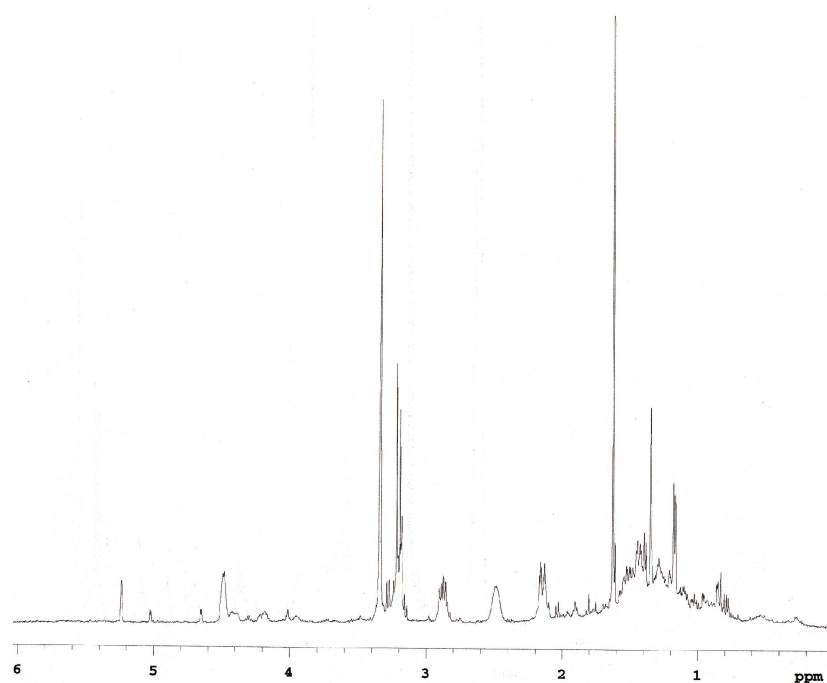
^1H NMR spectrum (CDCl_3) of manadoperoxide G (**9**)



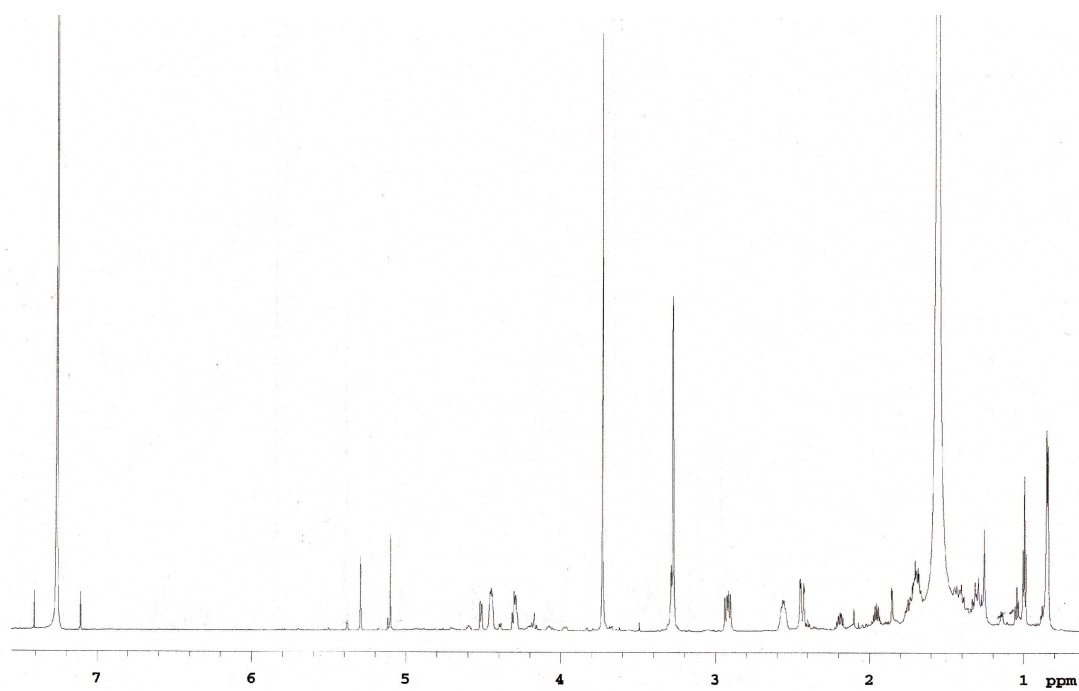
2D COSY NMR spectrum (CDCl_3) of manadoperoxide G (**9**)



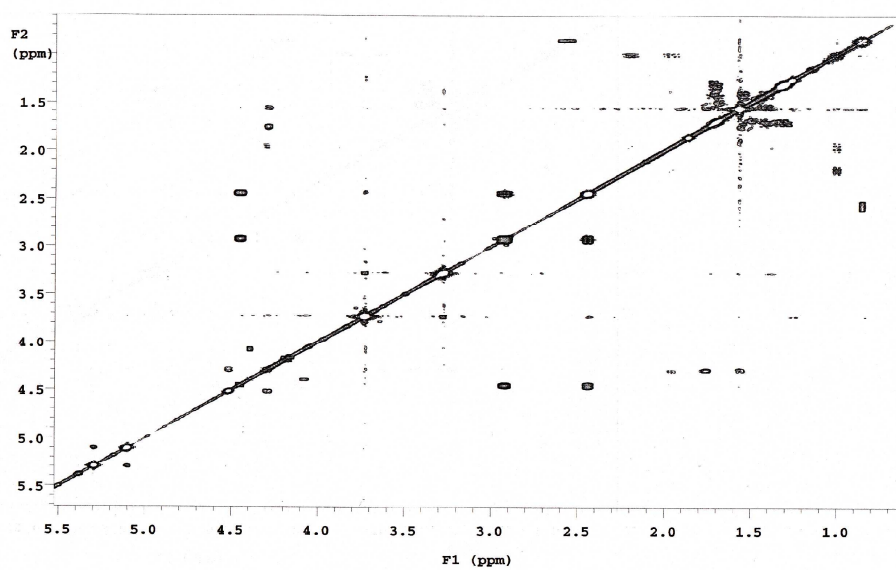
^1H NMR spectrum (CDCl_3) of manadoperoxide H (**10**)



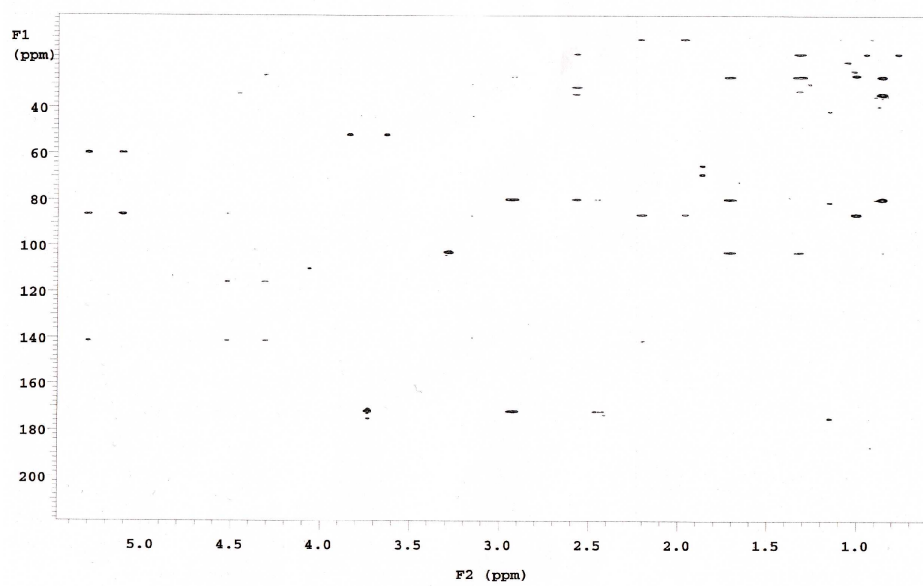
^1H NMR spectrum (C_6D_6) of manadoperoxide I (**11**)



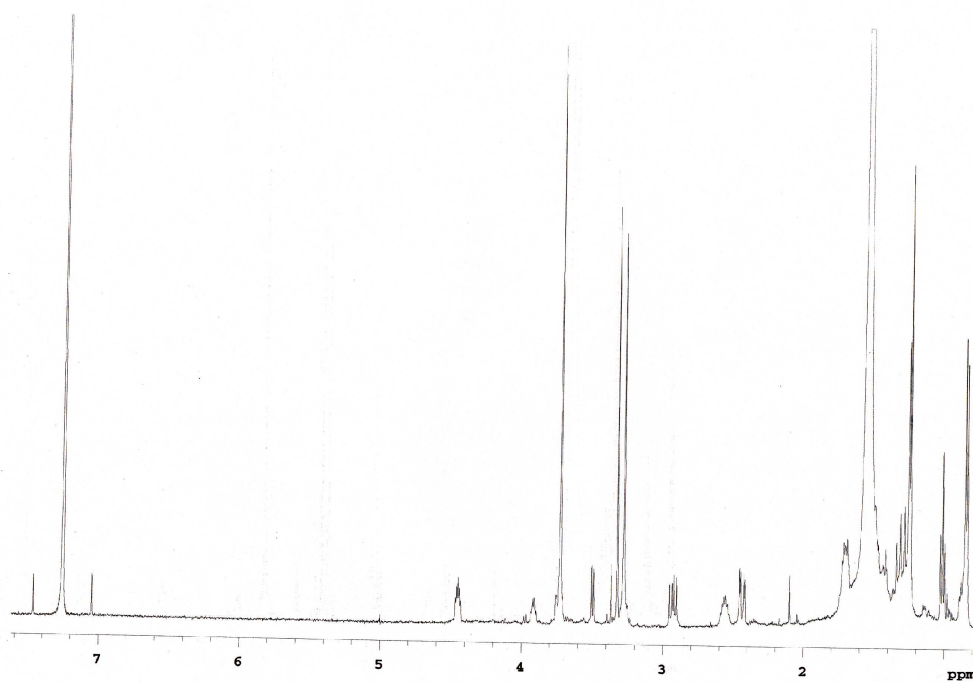
¹H NMR spectrum (CDCl₃) of manadoperoxide J (12)



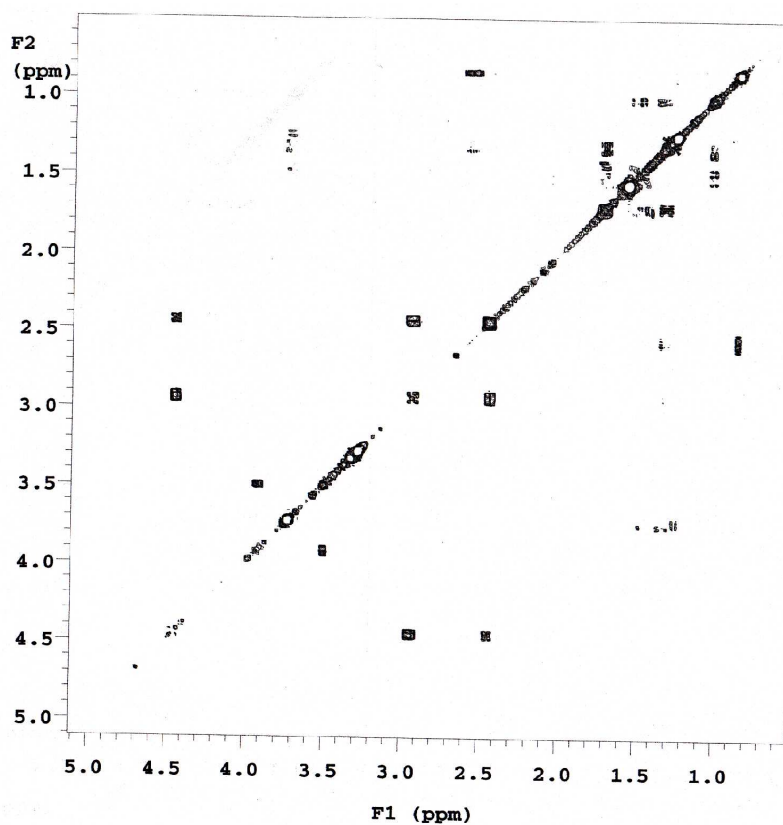
2D COSY NMR spectrum (CDCl₃) of manadoperoxide J (12)



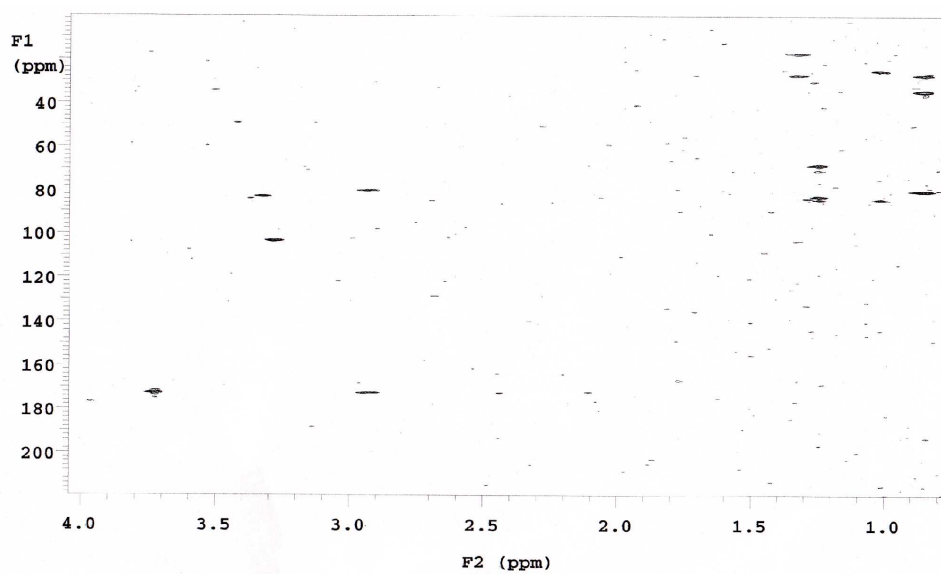
2D HMBC NMR spectrum (CDCl_3) of manadoperoxide J (**12**)



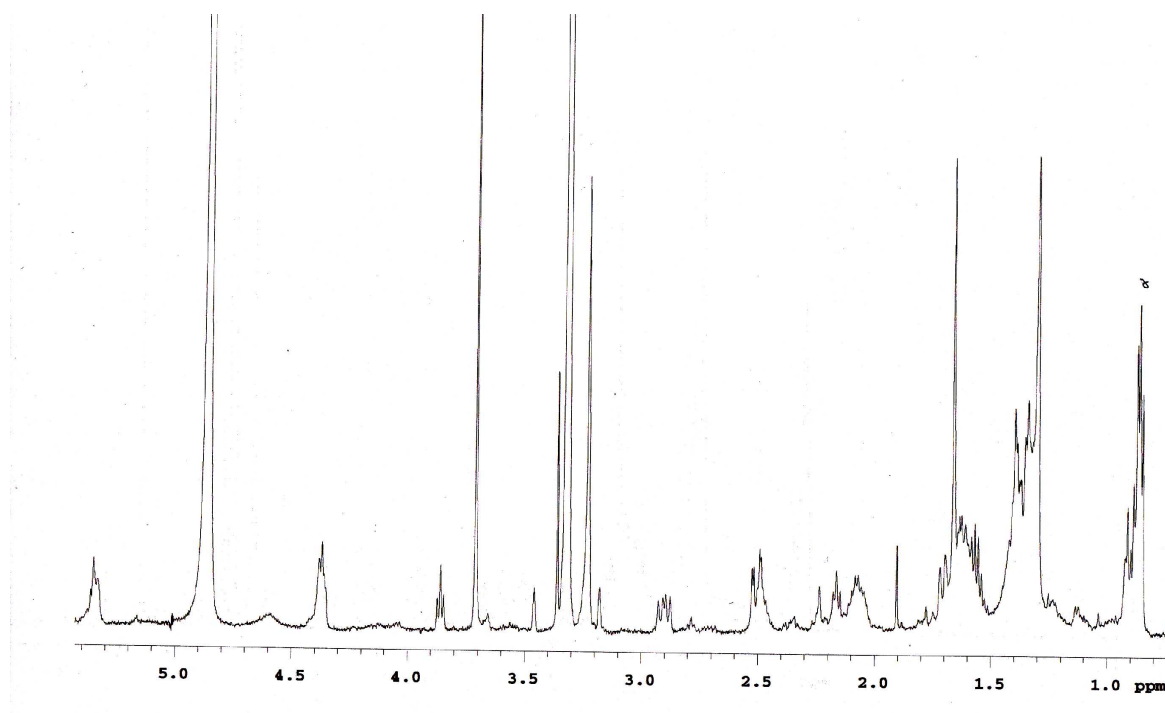
^1H NMR spectrum (CDCl_3) of manadoperoxide K (**13**)



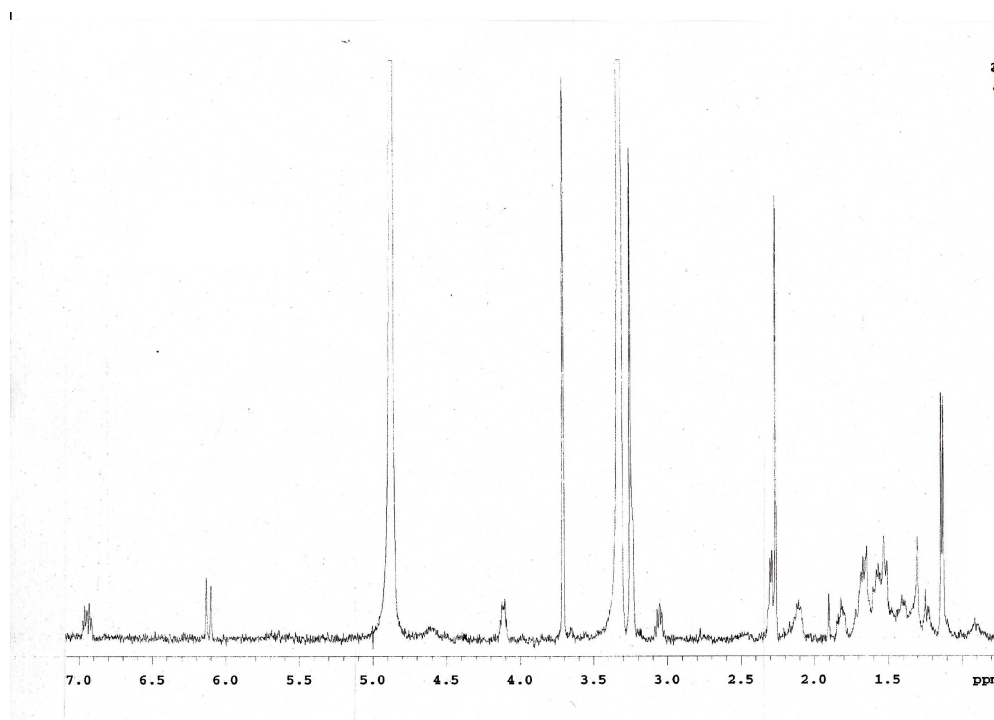
2D COSY NMR spectrum (CDCl₃) of manadoperoxide K (**13**)



2D HMBC NMR spectrum (CDCl₃) of manadoperoxide K (**13**)



¹H NMR spectrum (CD₃OD) of manadoperoxide E (7)



¹H NMR spectrum (CD₃OD) of peroxyplakoric ester C (14)

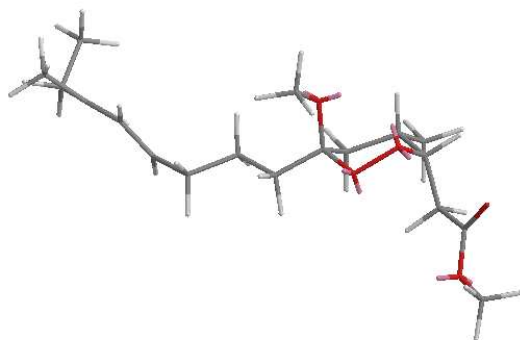


Figure S1. Lowest energy conformation of manadoperoxide B (**3**) calculated on SGI Origin 200 8XR12000. The conformational space was sampled through Simulated Annealing and the resulting structures minimized within Insight 2005 Discover module.