

Complete assignment of the ^{13}C NMR spectra of 4,4-dimethylantracene-1,9,10(4H)-trione and the regioisomeric monomethyl derivatives

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The ^1H and ^{13}C NMR spectra of a set of structurally related tricyclic quinones consisting of 4,4-dimethylantracene-1,9,10(4H)-trione (1), 4,4,6,7-tetramethylantracene-1,9,10(4H)-trione (2) and the regioisomers 4,4,5-(3), 4,4,6-(4), 4,4,7-(5) and 4,4,8-trimethylantracene-1,9,10(4H)-trione (6) were assigned completely using two-dimensional techniques. Copyright © 2000 John Wiley & Sons, Ltd.