

## **Unprecedented synthesis of a novel amino quinone ring system *via* oxidative decarboxylation of quinone-based $\alpha,\alpha$ -amino esters**

Pietro Campiglia,<sup>a</sup> Claudio Aquino,<sup>b</sup> Alessia Bertamino,<sup>b</sup> Nicoletta De Simone,<sup>b</sup> Marina Sala,<sup>b</sup> Sabrina Castellano,<sup>a</sup> Marisabella Santoriello,<sup>a</sup> Paolo Grieco,<sup>b</sup> Ettore Novellino,<sup>b</sup> Isabel M. Gomez-Monterrey,<sup>\* b</sup>

### **Supporting Information**

#### **Contents**

<sup>1</sup>H NMR and <sup>13</sup>C NMR for compounds **3**, **5**, **7a**, **7b** and **12**.

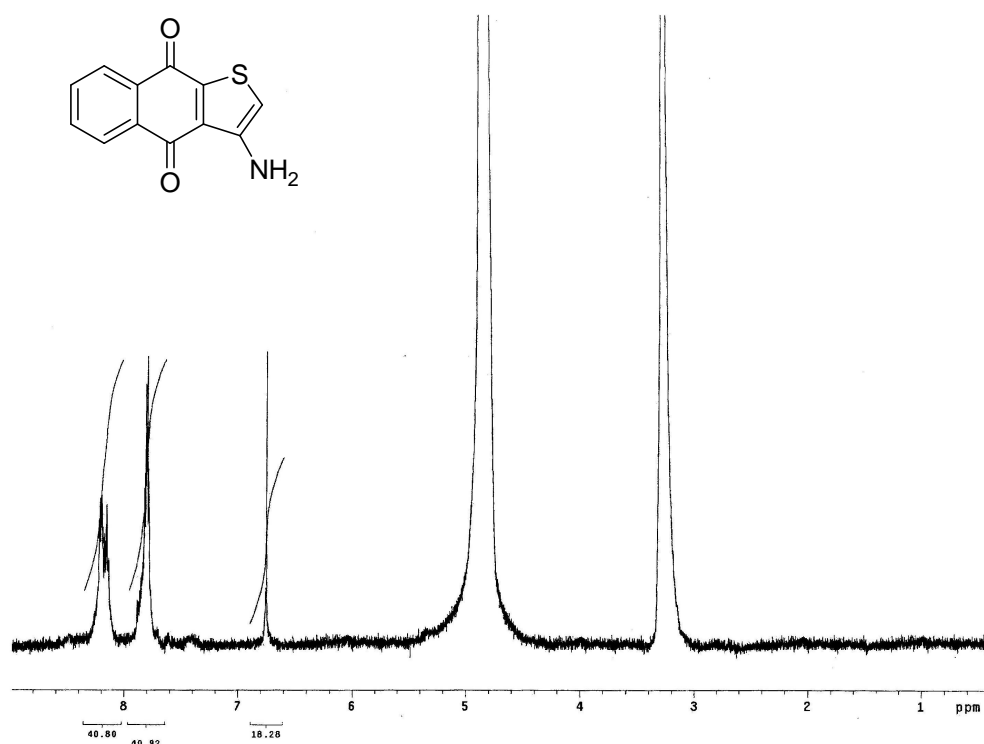


Figure 1.  $^1\text{H}$  NMR of compound **3**

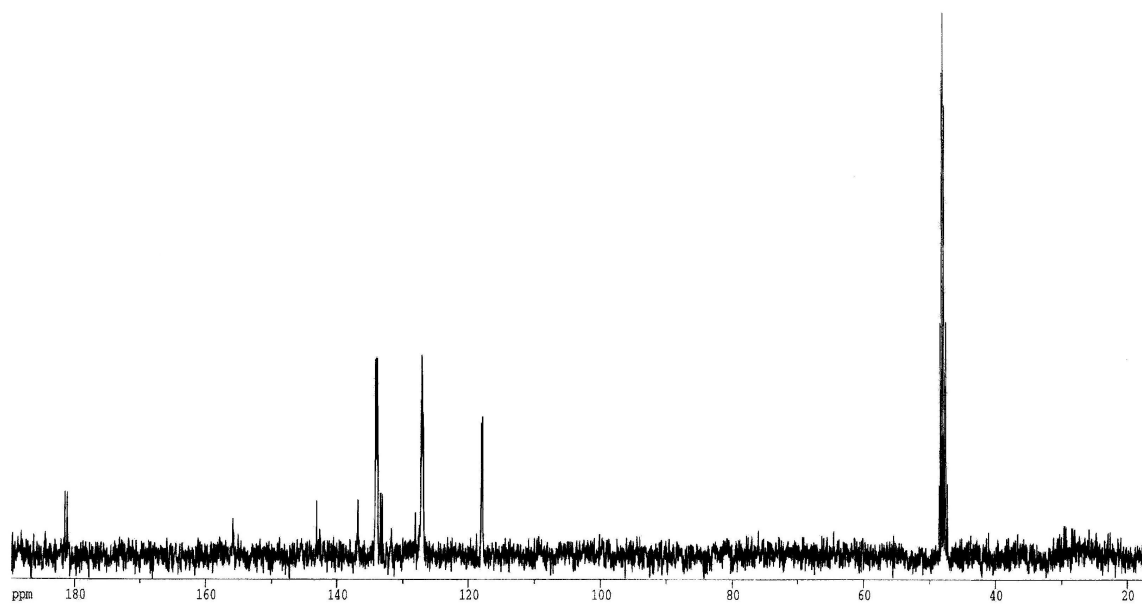


Figure 2.  $^{13}\text{C}$  NMR of compound 3

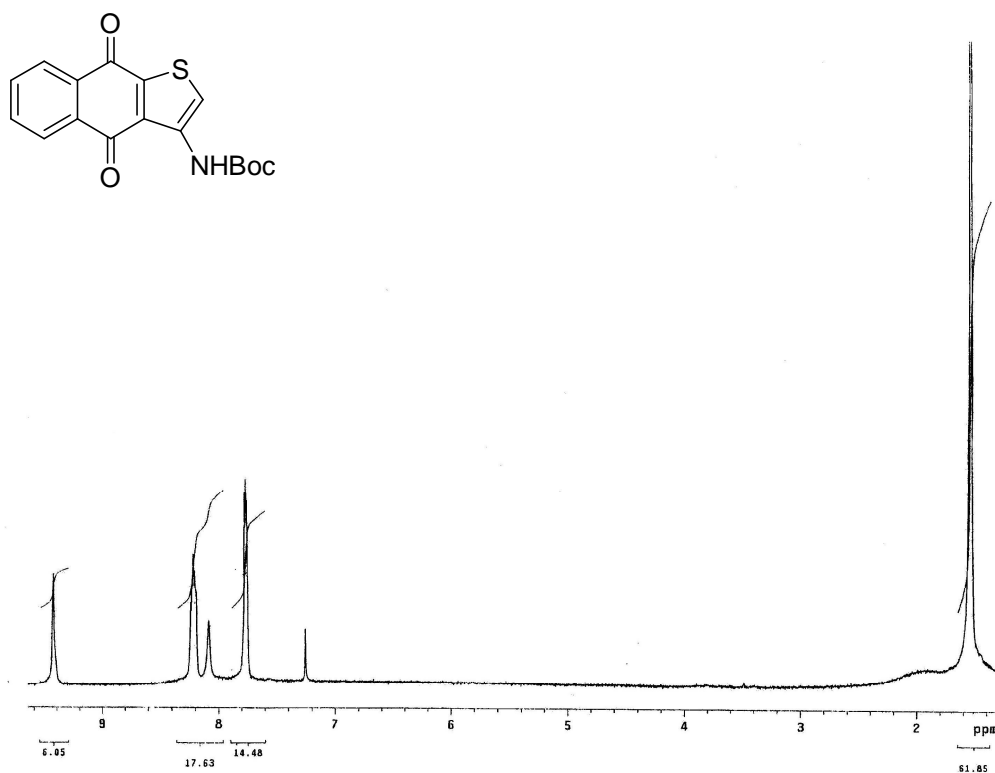


Figure 3.  $^1\text{H}$  NMR of compound 5

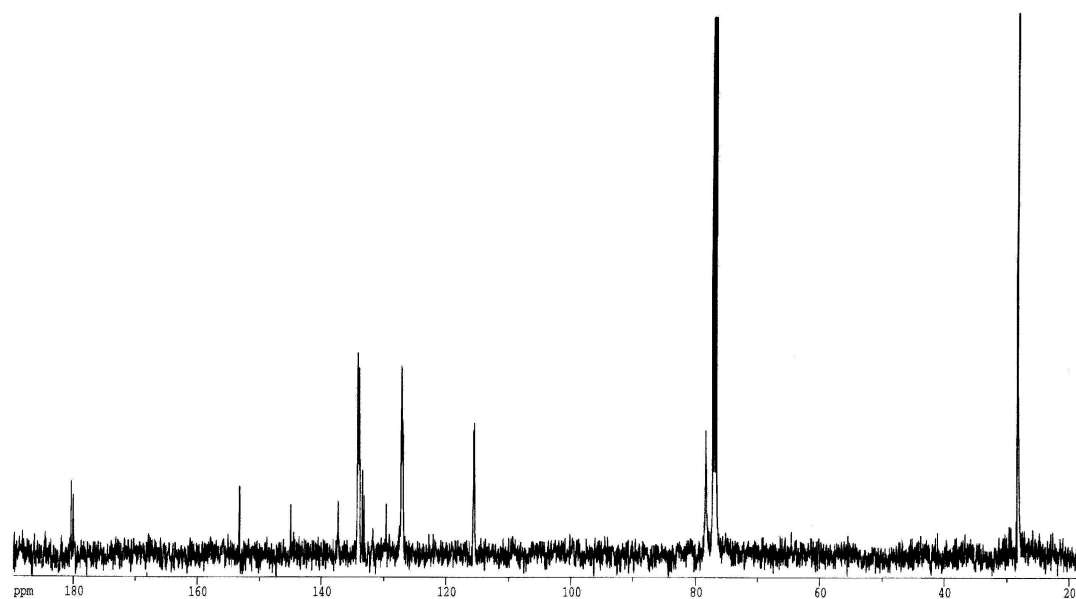


Figure 4.  $^{13}\text{C}$  NMR of compound **5**

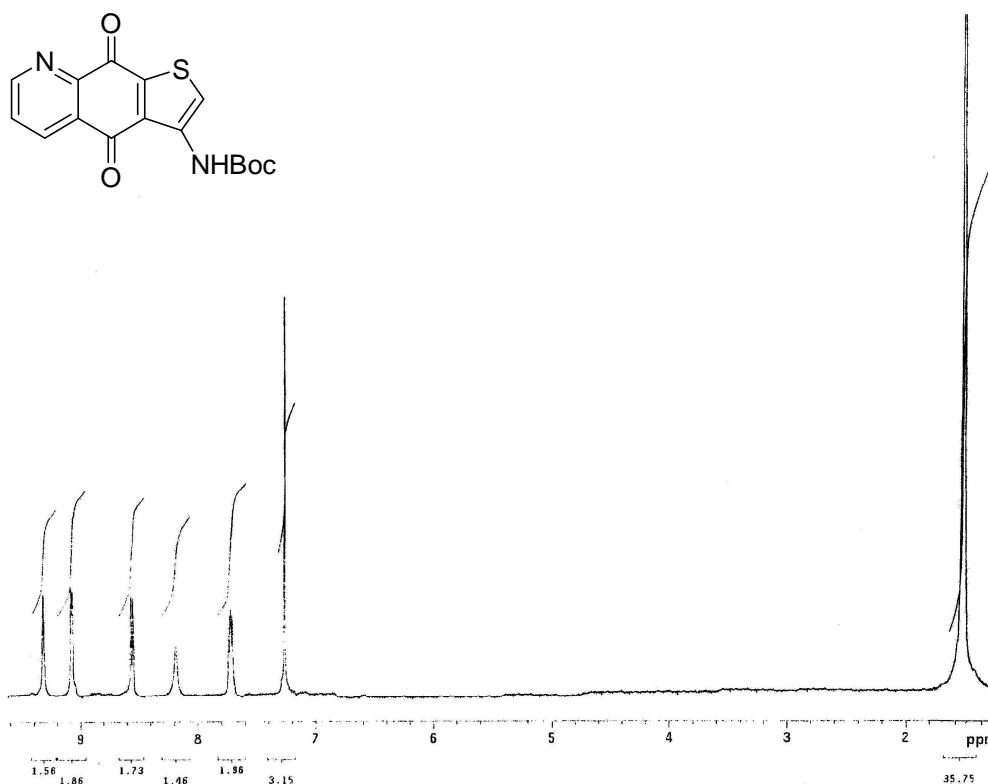


Figure 5.  $^1\text{H}$  NMR of compound **7a**

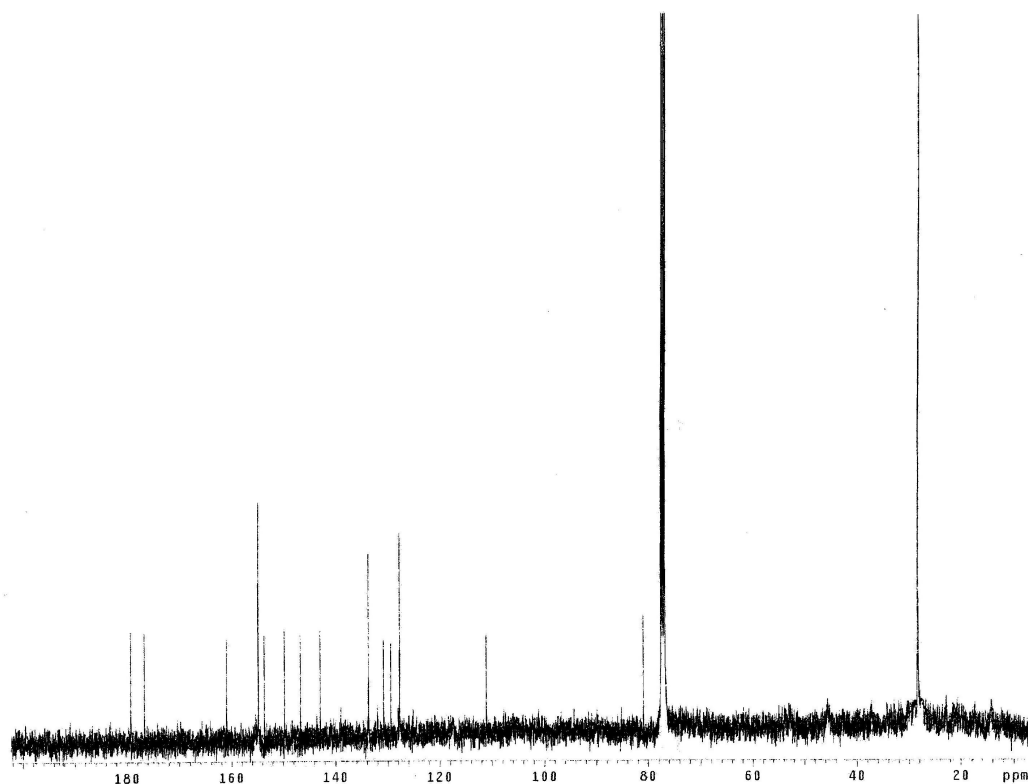


Figure 6.  $^{13}\text{C}$  NMR of compound **7a**

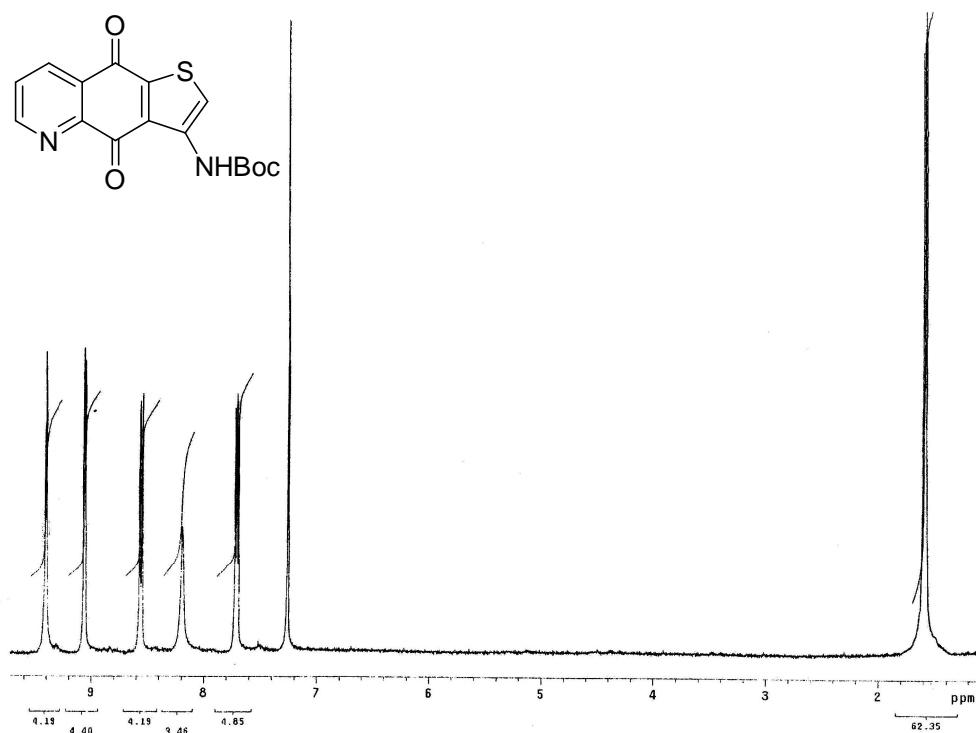


Figure 7.  $^1\text{H}$  NMR of compound **7b**

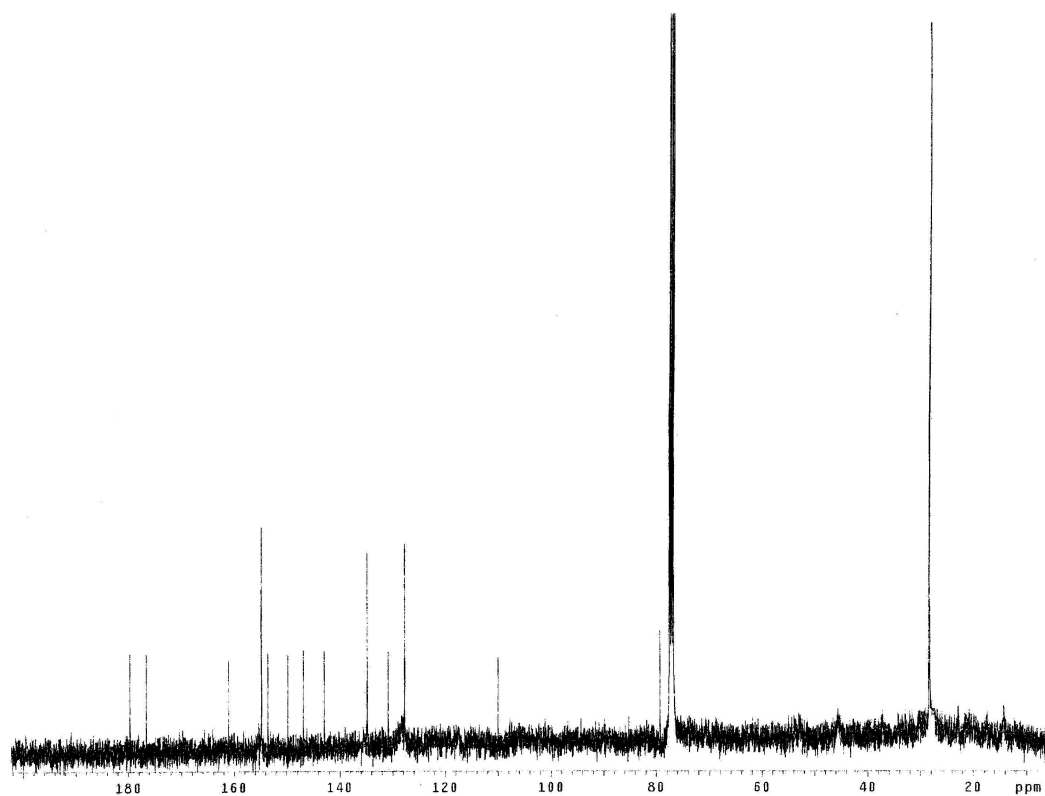


Figure 8.  $^{13}\text{C}$  NMR of compound **7b**

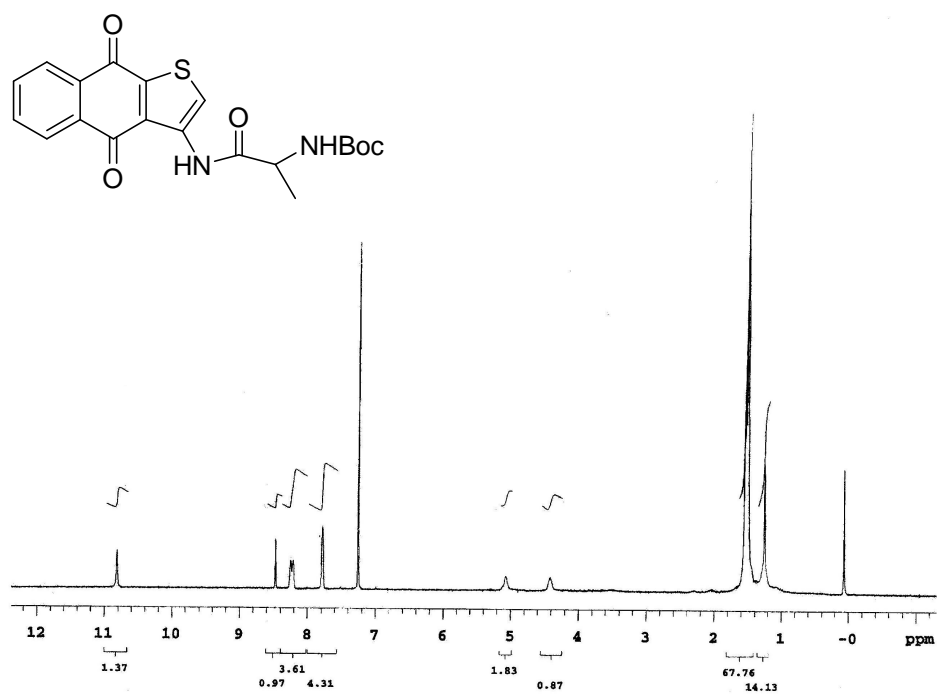


Figure 9.  $^1\text{H}$  NMR of compound **12**

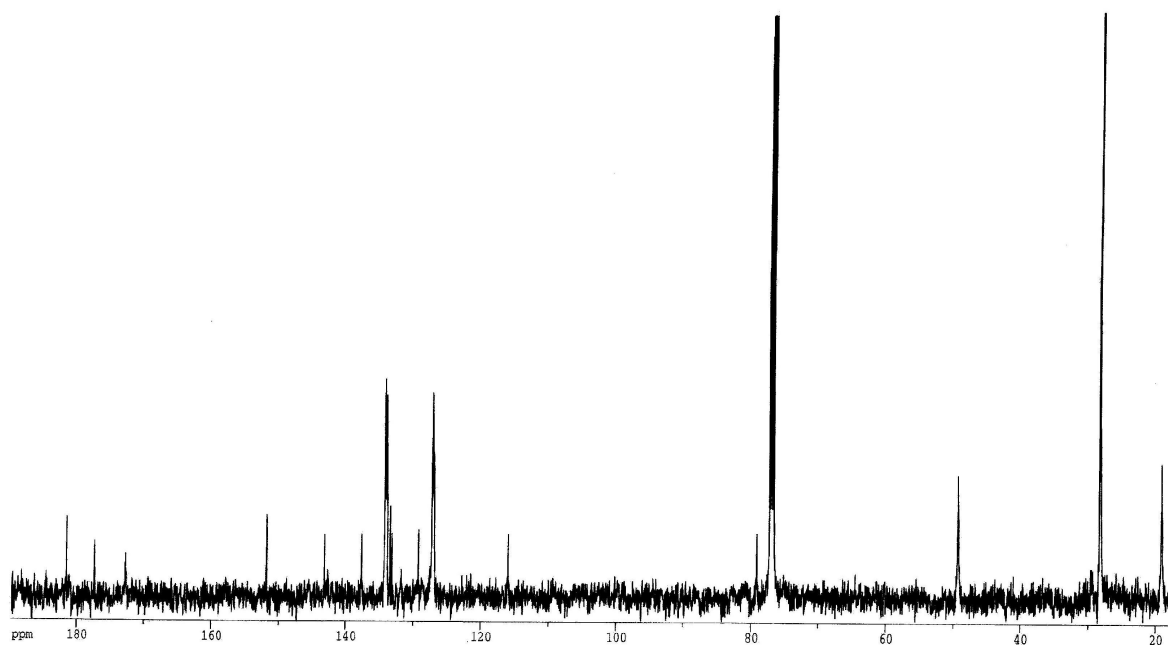


Figure 10.  $^{13}\text{C}$  NMR of compound **12**