

## **Supporting Information**

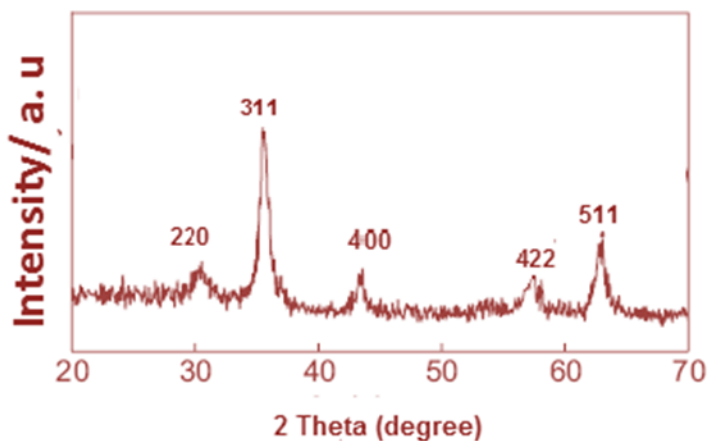
### **Magnetic silica beads functionalized with cobalt phthalocyanine for the oxidation of mercaptans in an alkali free aqueous medium**

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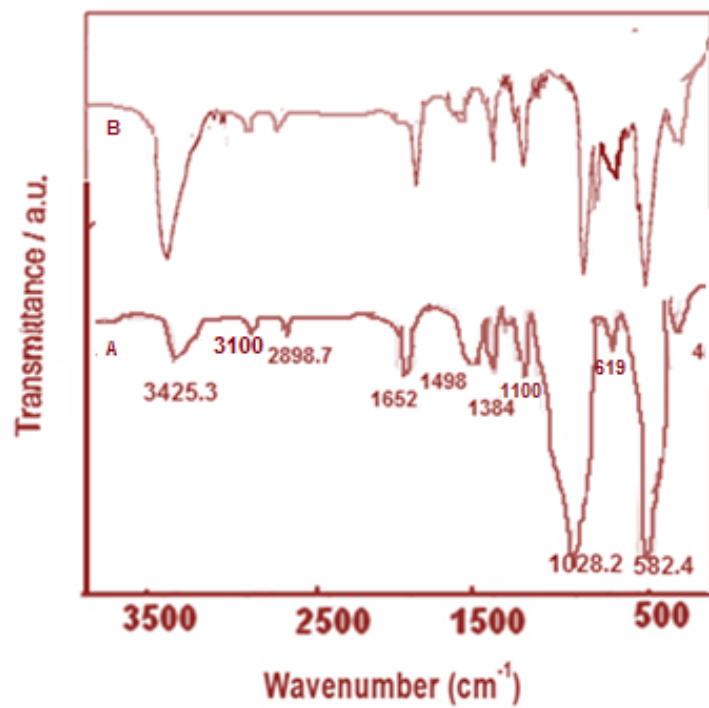
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**Supporting Fig. 1: XRD of the recovered catalyst after ten cycles**



Supporting Fig. 2: FTIR spectra A) fresh; B) recovered catalyst after ten cycles



## <sup>1</sup>H NMR of the products

Table 1, entry 1

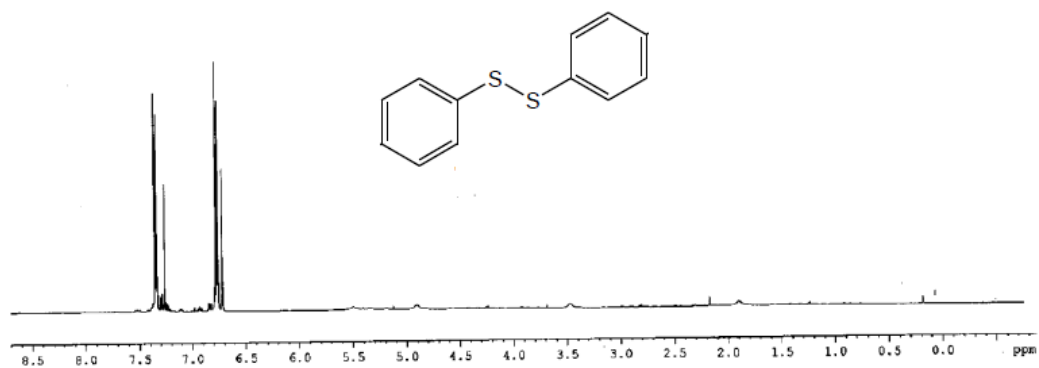
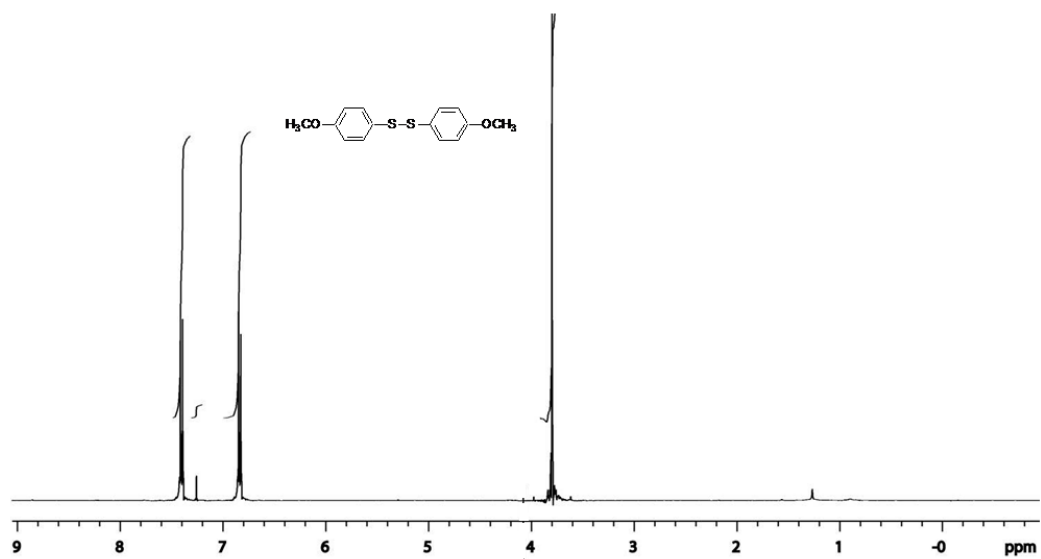
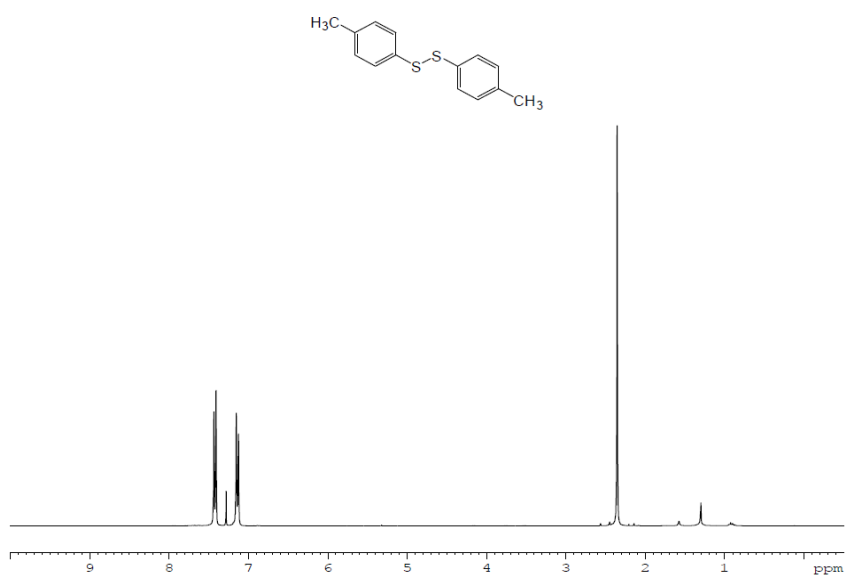


Table 1, entry 2



**Table 1, entry 3**



**Table 1, entry 4**

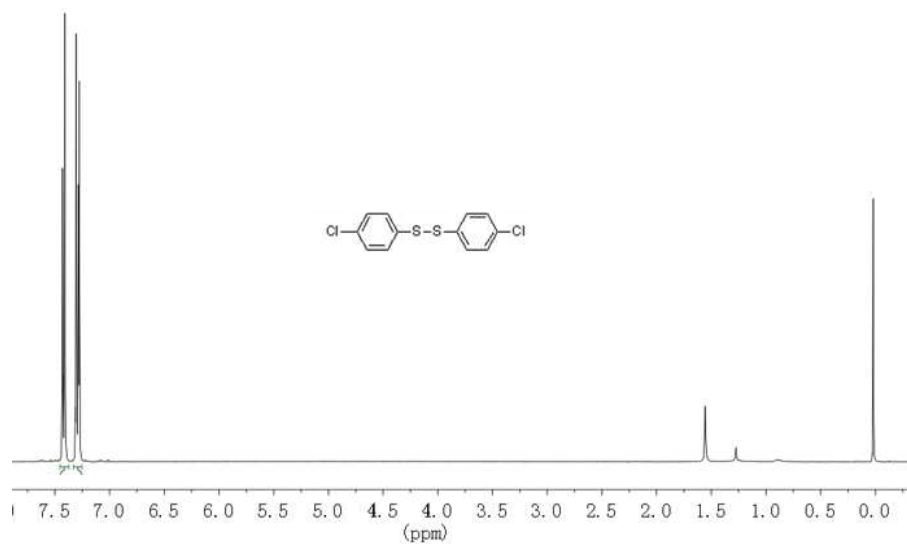


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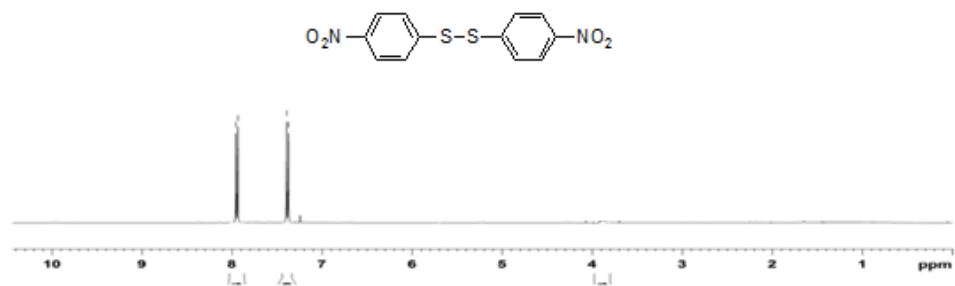


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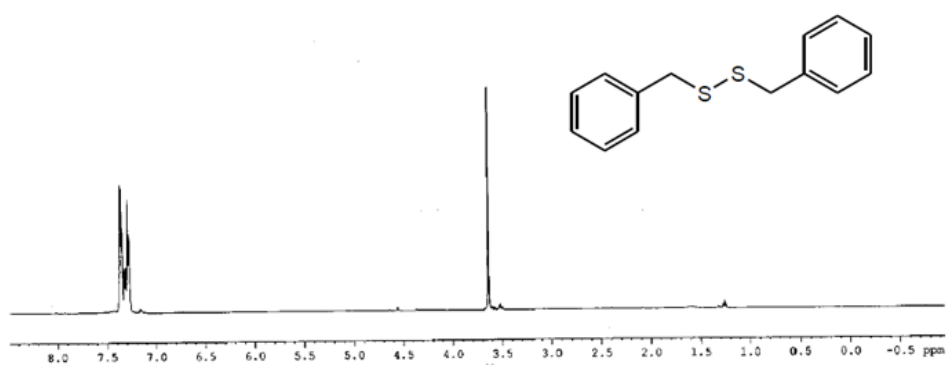


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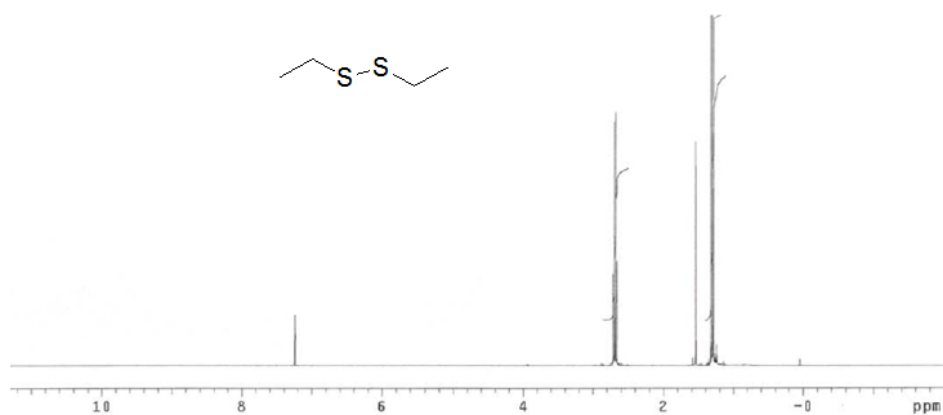


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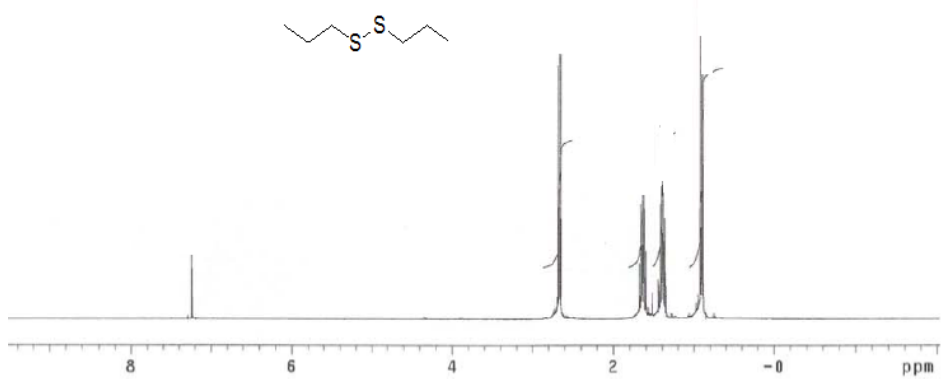


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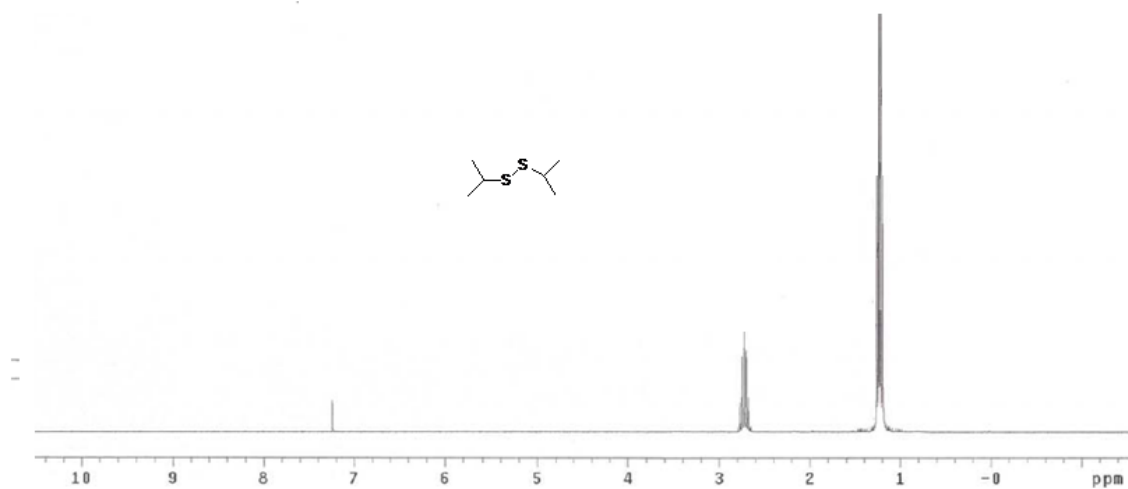


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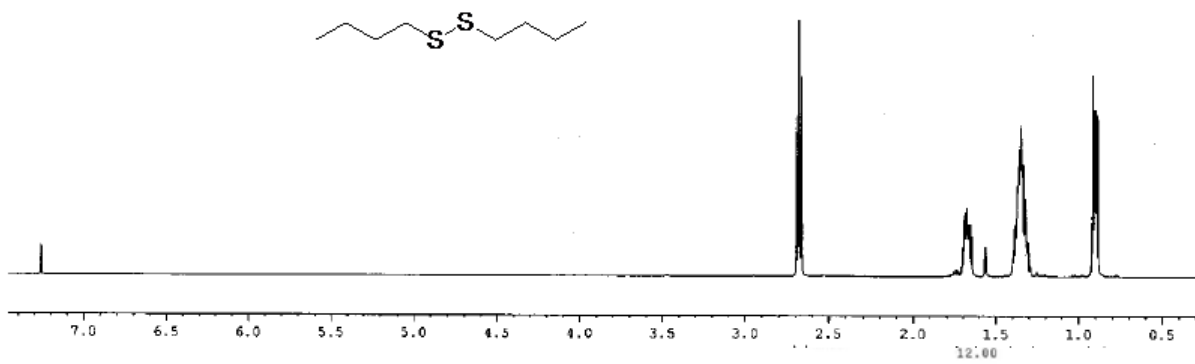


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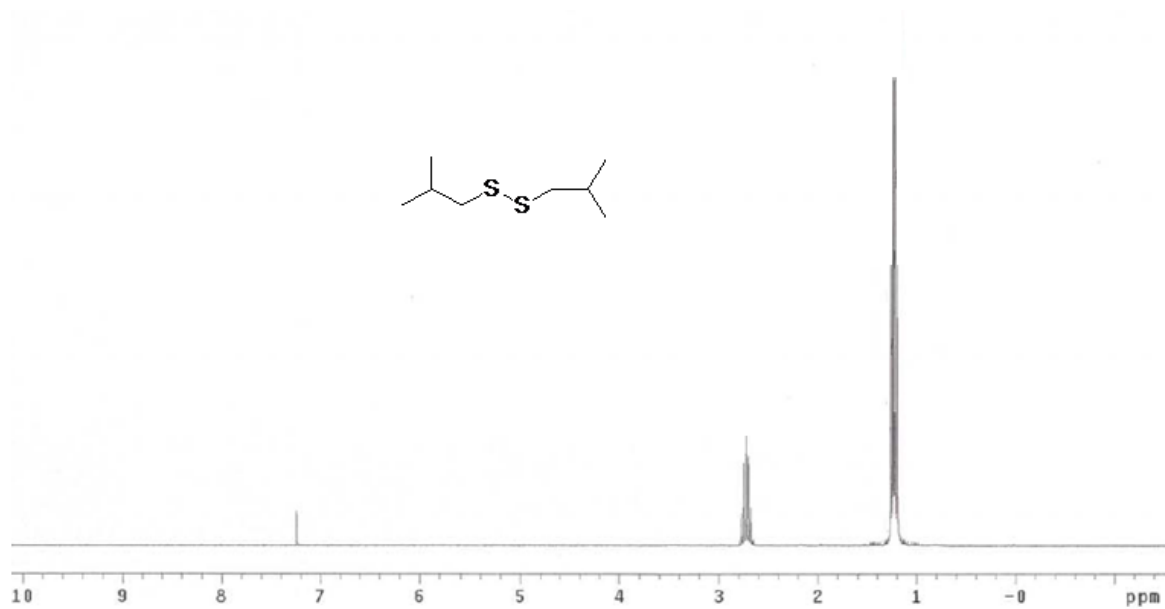


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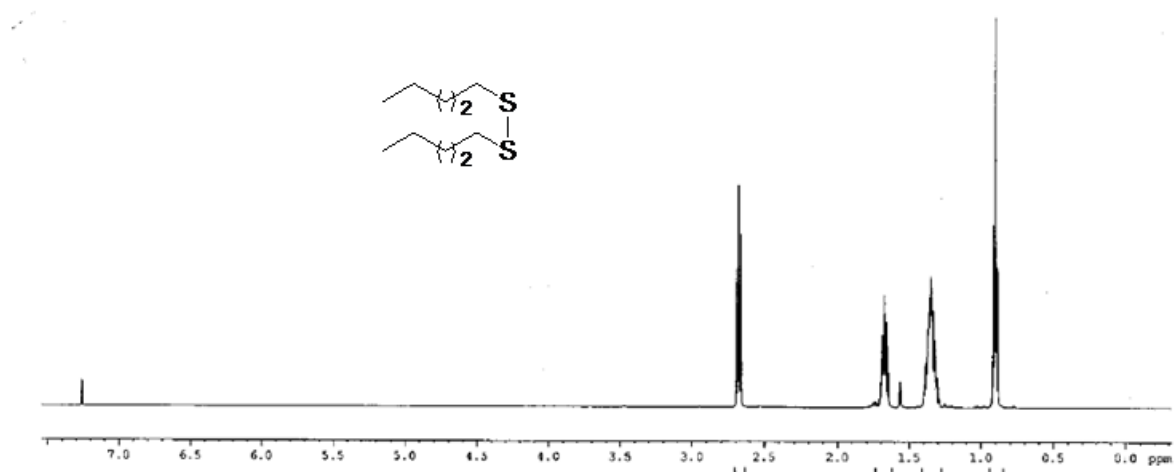




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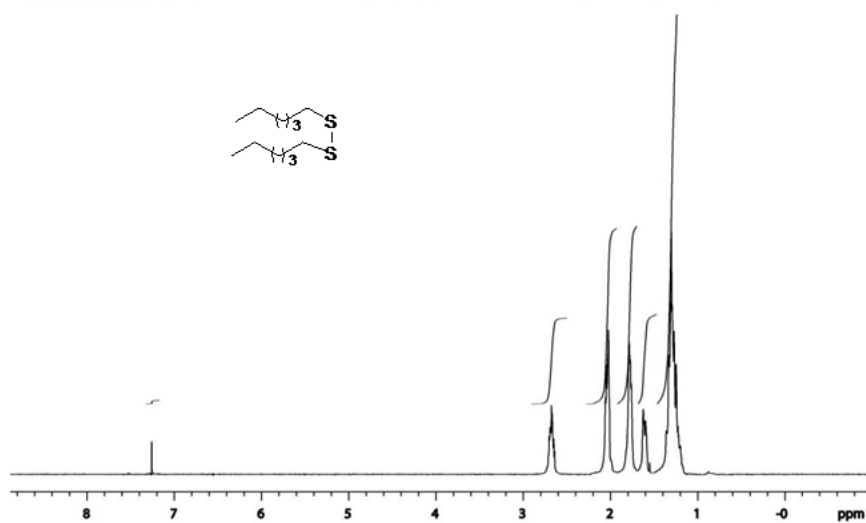


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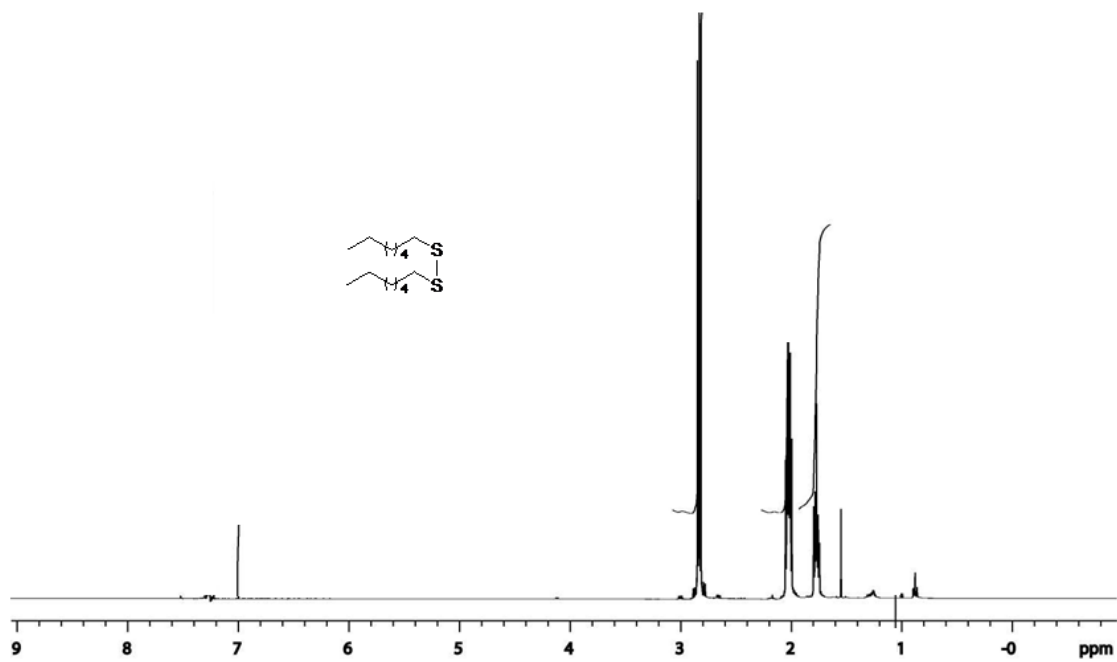


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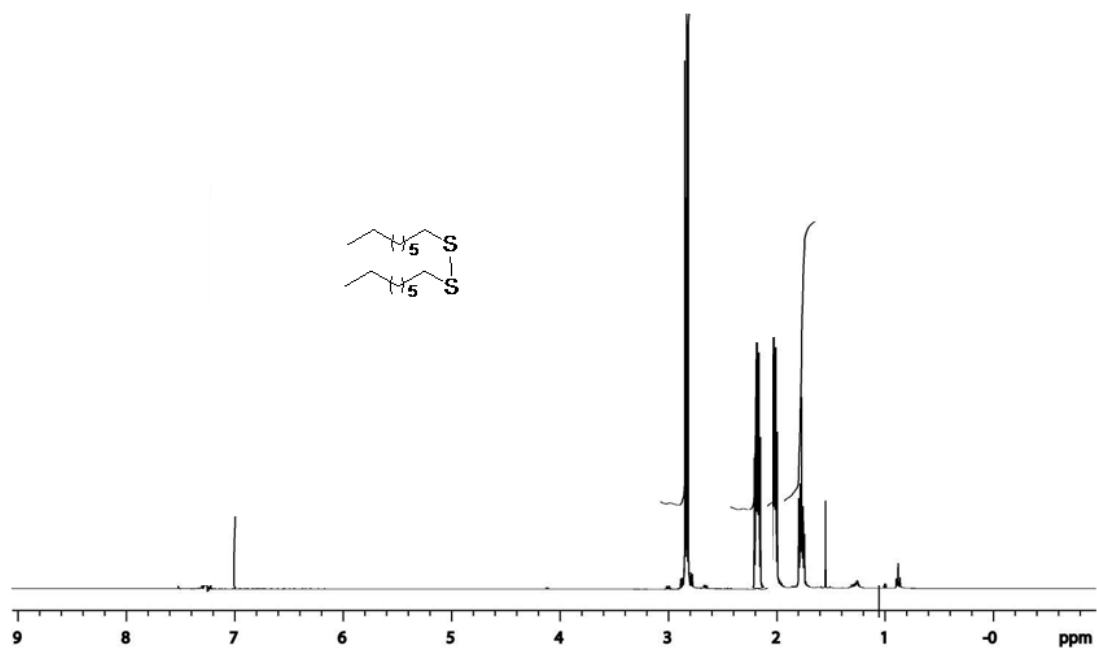


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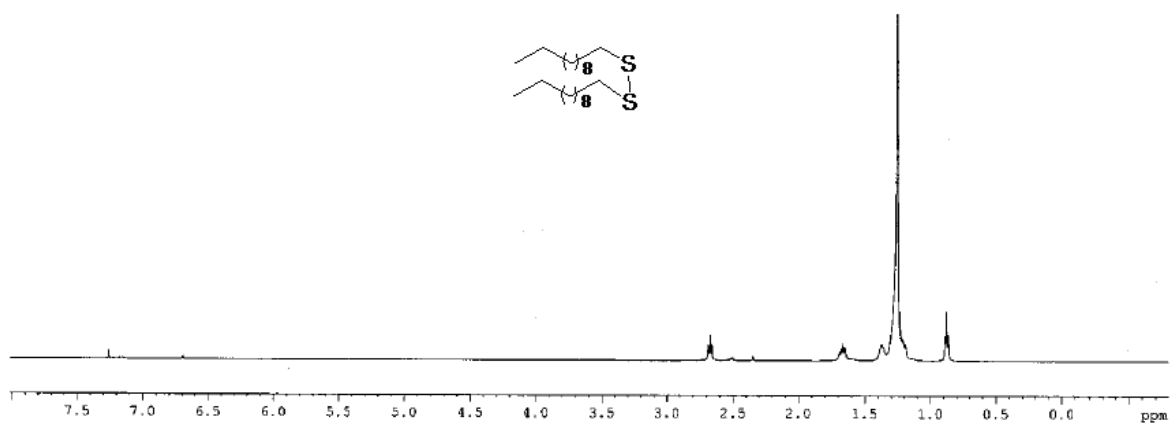


Table 1, entry 17

