

## Supplementary Material:

### 5,5'-Thiobis(4-chloro-3*H*-1,2-dithiole-3-thione)

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**Figure S1.** <sup>13</sup>C NMR spectrum of 5,5'-thiobis(4-chloro-3*H*-1,2-dithiole-3-thione) (**2**).

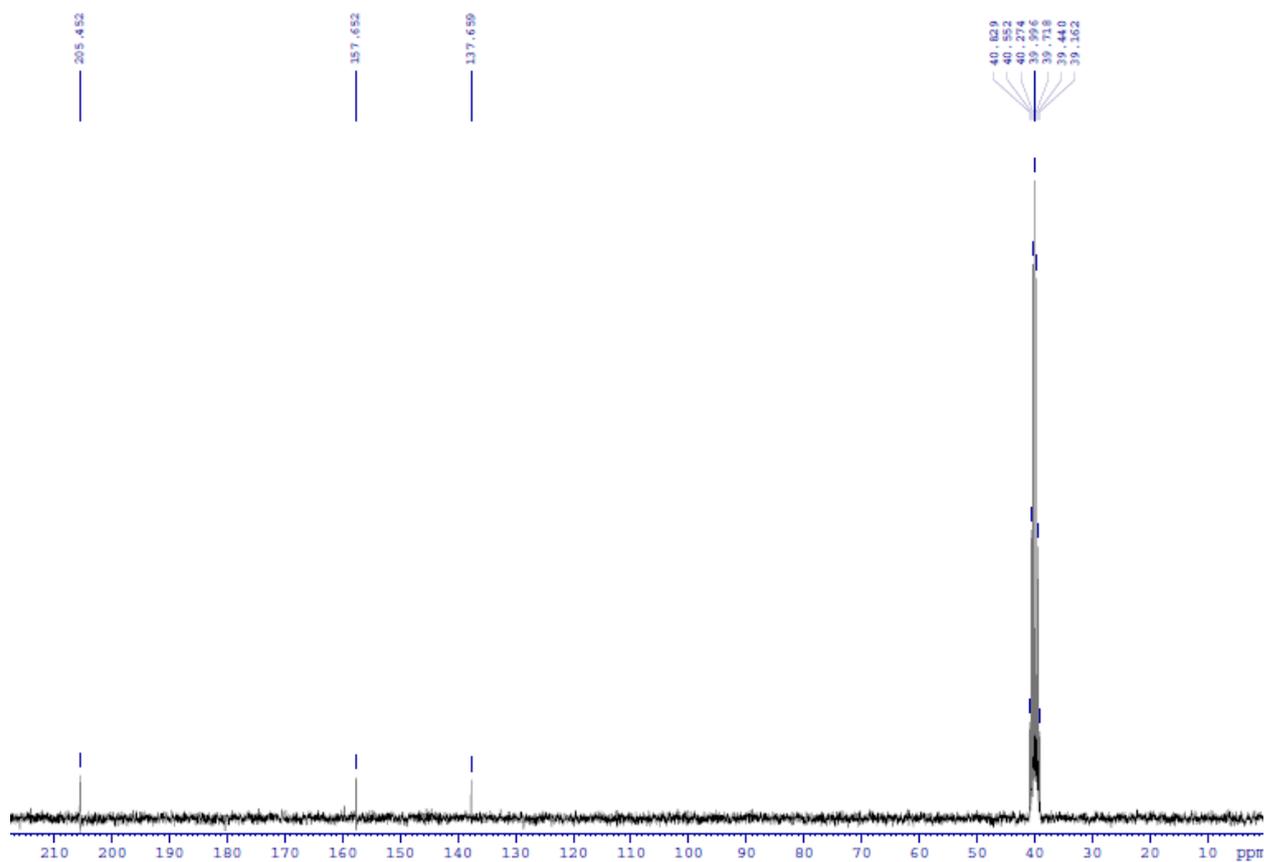


Figure S2. IR spectrum of 5,5'-thiobis(4-chloro-3*H*-1,2-dithiole-3-thione) (2).

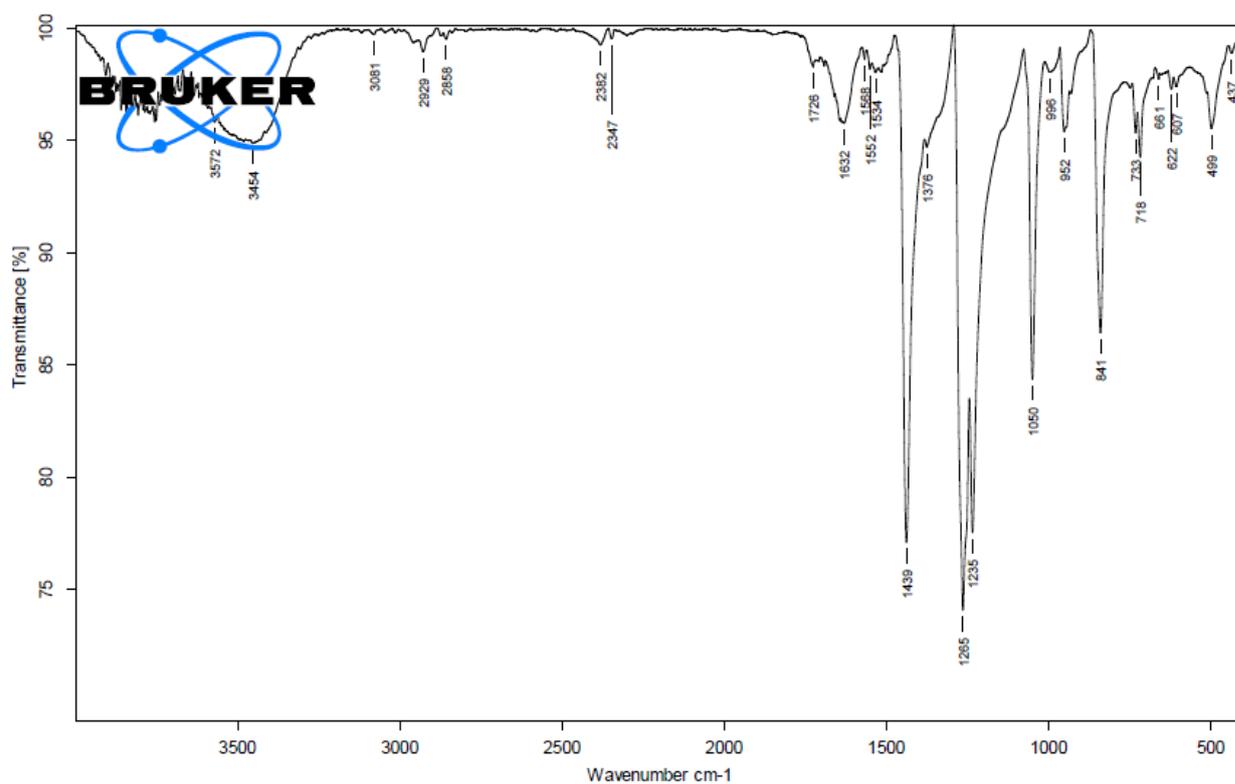
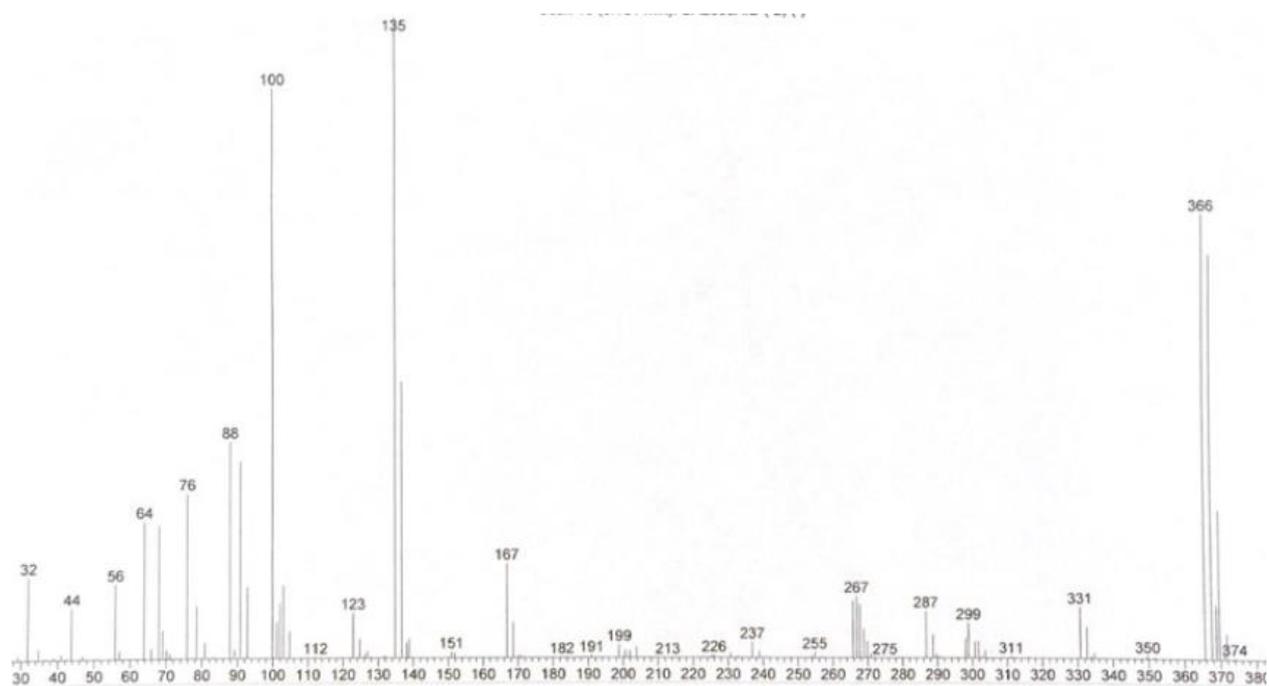


Figure S3. LRMS spectrum of 5,5'-thiobis(4-chloro-3*H*-1,2-dithiole-3-thione) (2).



**Figure S4.** HRMS spectrum of 5,5'-thiobis(4-chloro-3*H*-1,2-dithiole-3-thione) (**2**).

