

Synthesis and Crystal Structure of Chalcogenide Cluster Compound

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Thermogravimetric measurements

Thermogravimetric measurements were carried out on a Shimadzu DTG-60 device. The experiments were performed in the temperature range from 25 to 700 °C at heating rates of 10 °C min⁻¹ on each sample. The average sample size was 10 mg and the nitrogen flow-rate was 50 mL min⁻¹.

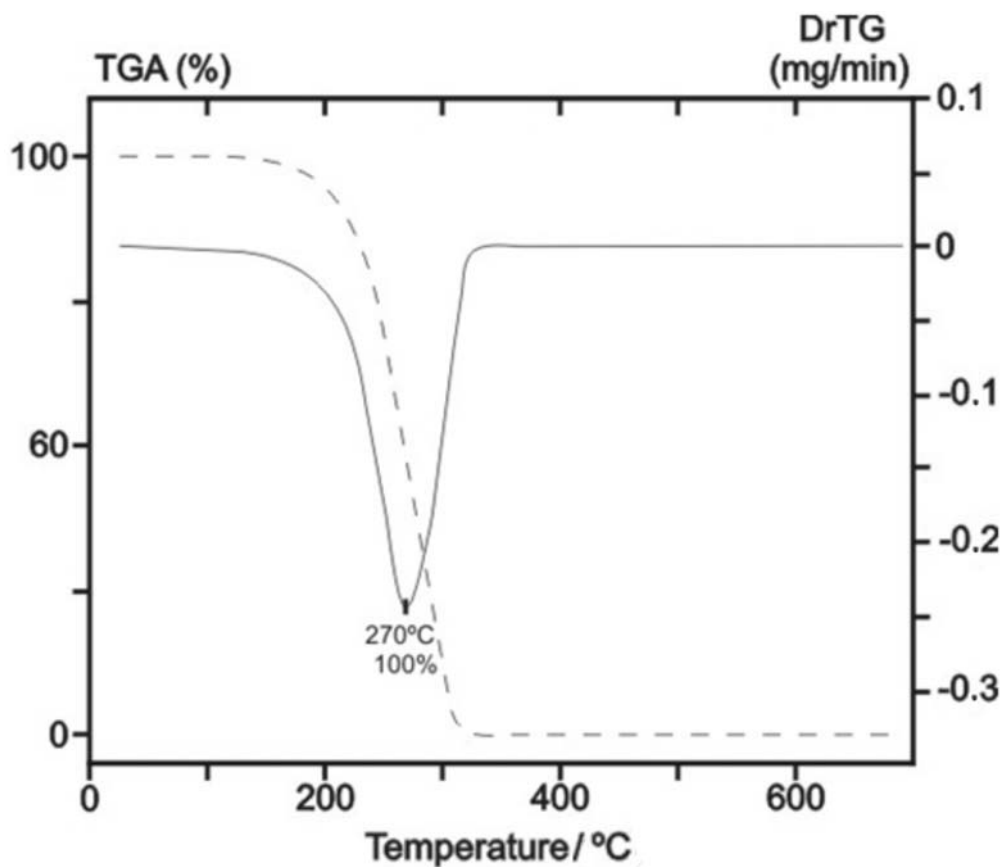


Figure S1. TGA of [Hg₂Cl₂(SePh)₂(PCy₃)₂], (1).

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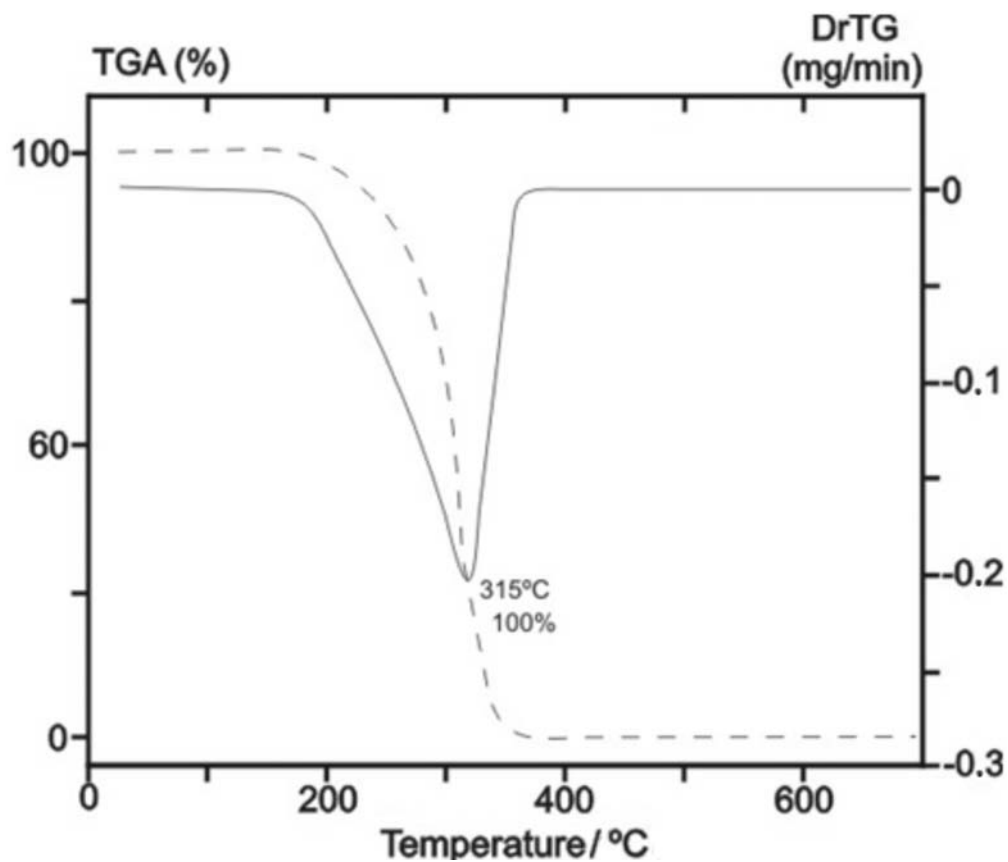


Figure 2. TGA of $[\text{Hg}_2\text{Br}_2(\text{SePh})_2(\text{PCy}_3)_2]$, (2).

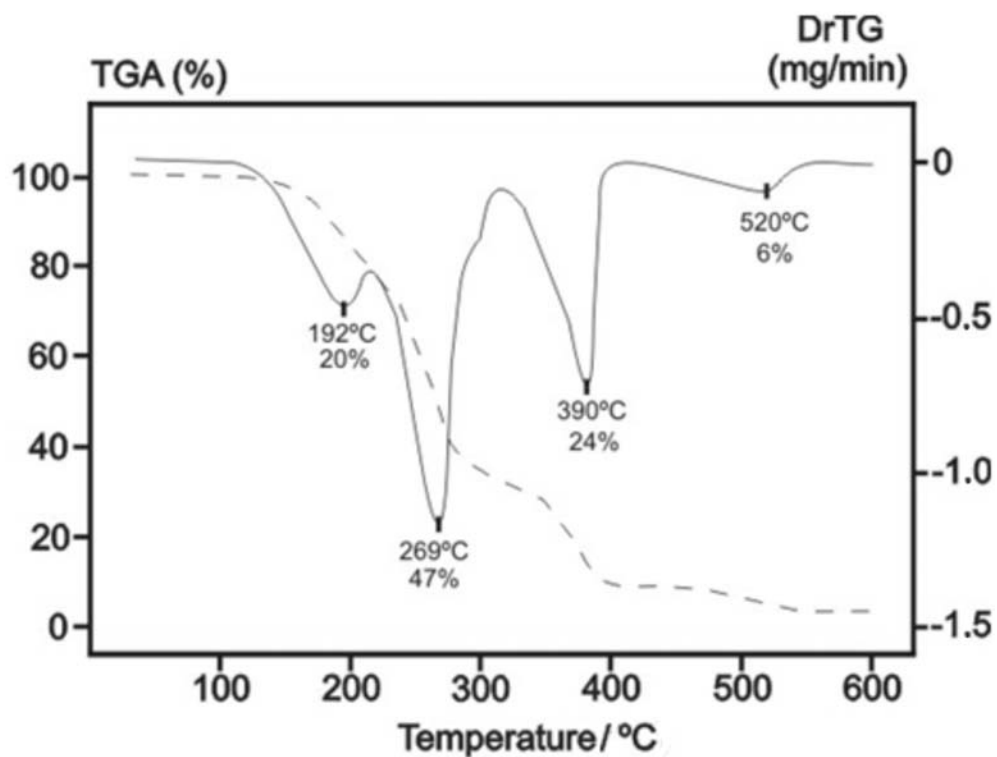


Figure 3. TGA of $[\{\text{Hg}_5\text{Br}_3(\text{TePh})_7\}_n]$, (3).