

## **Preparation and thermal decomposition of 3,3,3-triphenyl- and 3,3,3-trimethyl-7,8-dimethylbenzo[e]-2,4,3-dithiastibepin**

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### **Abstract**

1. When 1,2-dimethyl-4,5-di (mercaptomethyl) benzene is reacted with the dichlorides or dialkoxides of triphenyl- and trimethylantimony, 3,3,3-triphenyl- and 3,3,3-trimethyl-7,8-dimethylbenzo[e]-2,4,3-dithiastibepins are obtained. 2. Thermolysis of 3,3,3-triphenyl- and 3,3,3-trimethyl-7,8-dimethylbenzo[e]-2,4,3-dithiastibepin results in the formation of 6,7-dimethylbenzo[d]-2,3-dithiin and triphenyl- and trimethylstibine respectively. © 1987 Plenum Publishing Corporation.

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