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Reaction of penta-p-tolylantimony with 2,6-di-tert-butylphenol. Oxide tri-p-tolylantimony structure.

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Abstract

Reaction of p-pentatolylantimony with 2,6-di-tert-butylphenol in toluene leads to the formation of tri-p-tolylantimony and oxidation product of starting phenol -2,6,2',6'-tetra-tert-butyldiphenoquinone. Minor product of the reaction is tri-p-tolyantimony oxide the structure of which was proved by X-ray analysis.

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