

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*-tolylantimony oxide the structure of which was proved by X-ray analysis.