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Interaction phenylanthranilic acid with antimony tri(4-fluorophenyl) in presence of *tert*-butylhydroperoxide

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Abstract

Interaction of *tris*(4-fluorinephenyl)antimony with phenylanthranilic acid in presence of *tret*-butylhydroperoxide in tetrahydrofuran obtained solvate of triphenylantimony *bis*(phenylanthranilate) with tetrahydrofuran, the structure of which was proved by X-ray structure analysis. The atoms of antimony are in a trigonal-bipyramidal coordination with the oxygen atoms in axial positions (Sb–C 2.110(2), 2.111(2), 2.116(2) Å; Sb–O 2.127(2), 2.127(2) Å; Sb···O=C 2.752(4), 2.842(5) Å; OSbO 174.99(5)º, CSbC 104.19(8)º, 109.11(8)º, 146.69(7)º).