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Crystal and molecular structure of *bis*(2-furancarboxylate) tri-*o*-tolylantimony

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Abstract

Crystal and molecular structure of *bis*(2-furancarboxylate) tri-*o*-tolylantimony (**I**) was defined by X-ray. In the molecule, the antimony atom has a distorted trigonal-bipyramidal coordination with axially spaced carboxylate ligands and equatorial phenyl groups, OSbO and CSbS angles are 174.2(1)° and 116.3(4)°, 117.9(4)°, 125.8(1)° respectively. The Sb–O and Sb–C bond lengths are equal to 2.055(8), 2.191(8) and 2.110(7), 2.118(3), 2.124(7) Å. Intramolecular distances Sb···$O_{(=C)}$ make up 3.274(12) and 3.319(13) Å.