Thematic Section: Preparative Chemistry. Subsection: Organoelemental Chemistry.

**Full Paper** 

Registration Code of Publication: 11-27-14-43

Publication is available for discussion within the framework of functioning of the on-line Internet conference "Novel synthesis methods, structure and application of organoelemental compounds ".

http://butlerov.com/synthesys/ Contributed: February 8, 2011.

## **Crystal and molecular structure** of tris(2-methoxy,5-bromophenyl)bismuth

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Keywords: tris(2-methoxy,5-bromophenyl)bismuth, structure.

## Abstract

According to the X-ray molecule of *tris*(2-methoxy,5-bromophenyl) bismuth in its solvate with benzene  $[(2-MeO)(Br-5)C_6H_3]_3Bi \cdot C_6H_6$  (I) has a trigonal-pyramidal structure with a lone electron pair on the bismuth atom (CBiC 90.59(13) 93.33(13)°, 93.06 (13) °; Bi-C 2.252(4), 2.256(4), 2.272 (4) Å). In molecule I are close intramolecular contacts Bi-O (3.020(4), 3.092(4), 3.081 (4) Å), resulting in the coordination number of Bi atoms increases to seven.