

Oxidation of Me₃Bi with Formation of the Inorganic Polymer [Me₂BiOMe]_∞

Hans Joachim Breunig, Enno Lork,
and Mihai-Gabriel Nema

Institut für Anorganische und Physikalische Chemie,
Fachbereich 2 der Universität Bremen,
Postfach 330 440, 28334 Bremen, Germany

Reprint requests to Prof. Dr. H. J. Breunig.
Fax: 0049-421-218-4042. E-mail: hbreunig@uni-bremen.de

Z. Naturforsch. **2009**, *64b*, 1213 – 1214;
received August 5, 2009

Single crystals of [Me₂BiOMe]_∞ (**1**) formed in the reaction of Me₃Bi with oxygen in benzene have been analysed by X-ray crystallography (orthorhombic, *Pnma*, *Z* = 4, *a* = 8.254(2), *b* = 9.9020(10), *c* = 7.0430(10) Å, *T* = 173(2) K).

Key words: Bismuth, Alkoxides, X-Ray Crystallography