

Synthesis and Molecular Structure of a Superbulky Tertiary Phosphine: Bis[2-phenyl-1,2-dicarba-*closo*-dodecaboran-1-yl(12)]phenylphosphine

Viktor P. Balema, Steffen Blaurock, Evamarie Hey-Hawkins*

Institut für Anorganische Chemie der Universität Leipzig,
Talstrasse 35, D-04103 Leipzig, Germany

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Bis[2-phenyl-1,2-dicarba-*closo*-dodecaboran-1-yl(12)]phenylphosphine (**2**) was obtained in 91% yield from phenyldichlorophosphine and two equivalents of 1-lithium-2-phenyl-1,2-dicarba-*closo*-dodecaborane(12) in ether and characterized by spectroscopy (^{31}P , ^{11}B , ^1H , ^{13}C NMR; IR) and by X-ray structure determination.

* Reprint requests to Prof. Dr. E. Hey-Hawkins.