

1377  
ED

**C<sub>3</sub>H<sub>9</sub>BI<sub>3</sub>P**

**Trimethylphosphine – boron triiodide (1/1)**

**C<sub>3v</sub> (staggered)**  
assumed  
(CH<sub>3</sub>)<sub>3</sub>P · BI<sub>3</sub>

| $r_g$ | $\text{\AA}^a$ | $\theta_\alpha$ | $\text{deg}^a$ |
|-------|----------------|-----------------|----------------|
| B–I   | 2.233(3)       | P–C–H           | 109.2(14)      |
| P...B | 1.947(11)      | I–B–I           | 112.0(3)       |
| C–P   | 1.809(3)       | C–P–C           | 106.3(5)       |
| C–H   | 1.094(8)       |                 |                |

The nozzle temperature was 200 °C.

<sup>a</sup>) 2.6 times the estimated standard errors including a systematic error.

Iijima, K., Koshimizu, E., Shibata, S.: Bull. Chem. Soc. Jpn. **55** (1982) 2551.

