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Mechanochemical Synthesis of Diborane by Reaction of Alkali Metal Tetrahydroborates with (NH4)2SnCl6 or K2SnCl6. — — (VOLKOV, V. V.; MYAKISHEV, K. G.; SOLOMATINA, L. YA.; Zh. Neorg. Khim. 40 (1995) 10, 1621-1624; Inst. neorg. khim. Sib. otd. Ross. Akad. nauk, Novosibirsk, Russia; RU)

$$\begin{array}{c} \text{MBH}_4 \\ \text{I} \end{array} \begin{array}{c} \frac{(\text{NH}_4)_2 \text{SnCl}_6 \text{ or } \text{K}_2 \text{SnCl}_6}{[\text{vacuum vibrational ball mill}]} \hspace{0.2cm} \text{B}_2 \text{H}_6 \\ \text{II 94\%} \end{array}$$

M: Li, Na, K