



>>Entry Name: (Diethylamine)trihydroboron

Synonym(s): (N-Ethylethanamine)trihydroboron, 10Cl. N-Ethylethanamine, compd. with borane(1:1), 9Cl. Diethylamine compd. with borane(1:1), 8Cl. Borane diethylamine

CAS Registry Number: 2670-68-0

Et₂NH-BH₃

Molecular Formula: C₄H₁₄BN

Molecular Weight: 86.972

Accurate Mass: 87.121929

Percentage Composition: C 55.24%; H 16.22%; B 12.43%; N 16.10%

Use/Importance: Reducing agent in electrodeless coating procedures

Physical Description: Liq.

References:

Laurent, J.P. *et al.*, *C. R. Hebd. Seances Acad. Sci. Ser. C*, 1966, **263**, 965, (*mord*)

Kovar, R.A. *et al.*, *Inorg. Chem.*, 1971, **10**, 900; 1975, **14**, 2239, (*synth*)

Frick, W., *Oberflaechentechnik*, 1973, **50**, 450; *CA*, **80**, 43394a

Myers, W.H. *et al.*, *Inorg. Chem.*, 1975, **14**, 2874, (*synth, ir, nmr*)

Ryschkewitsch, G.E. *et al.*, *Synth. React. Inorg. Met.-Org. Chem.*, 1975, **5**, 123, (*synth*)