



>>Entry Name: Hexylsilane, 9CI

CAS Registry Number: 1072-14-6

$\text{H}_3\text{C}(\text{CH}_2)_5\text{SiH}_3$

Molecular Formula: $\text{C}_6\text{H}_{16}\text{Si}$

Molecular Weight: 116.278

Accurate Mass: 116.102127

Percentage Composition: C 61.98%; H 13.87%; Si 24.15%

Source/Synthesis: Synth. from Trichlorohexylsilane [GGN72-L](#) + LiAlH_4

Physical Description: Liq.

Boiling Point: Bp 113-114°

Density: d^{20}_4 0.72

Refractive Index: n^{20}_D 1.4131

References:

Westermarck, H., *Acta Chem. Scand.*, 1954, **8**, 1830-1834, (*synth*)

Kunai, A. *et al.*, *Organometallics*, 1996, **15**, 2478-2482, (*synth, pmr, cmr, Si-29 nmr*)