



>>Entry Name: (3-Chloropropyl)tris(trimethylsiloxy)silane

Synonym(s): 3-(3-Chloropropyl)-1,1,1,5,5,5-hexamethyl-3-[(trimethylsilyl)oxy]trisiloxane, 9Cl

CAS Registry Number: 18077-31-1

(Me₃SiO)₃SiCH₂CH₂CH₂Cl

Molecular Formula: C₁₂H₃₃ClO₃Si₄

Molecular Weight: 373.186

Accurate Mass: 372.11953

Percentage Composition: C 38.62%; H 8.91%; Cl 9.50%; O 12.86%; Si 30.10%

Source/Synthesis: Synth. from Cl₃Si(CH₂)₃Cl + Me₃SiCl + aq. PrⁱOH

Boiling Point: Bp₁₀₀ 181°

Density: d²⁵ 0.92

Refractive Index: n_D²⁵ 1.4108

References:

Ryan, J.W. *et al.*, *J.A.C.S.*, 1960, **82**, 3601-3604, (*synth*)

Engelhardt, G. *et al.*, *Z. Chem.*, 1977, **17**, 376, (*Si-29 nmr*)