



>>Entry Name: Trichlorotetradecylsilane, 9CI

CAS Registry Number: 18402-22-7

$\text{H}_3\text{C}(\text{CH}_2)_{13}\text{SiCl}_3$

Molecular Formula: $\text{C}_{14}\text{H}_{29}\text{Cl}_3\text{Si}$

Molecular Weight: 331.827

Accurate Mass: 330.110408

Percentage Composition: C 50.68%; H 8.81%; Cl 32.05%; Si 8.46%

Source/Synthesis: Synth. from $\text{H}_3\text{C}(\text{CH}_2)_{13}\text{MgCl}$ + SiCl_4

Boiling Point: $\text{Bp}_{0.8}$ 131-132°

References:

U.S. Pat., 1946, 2 413 050; *CA*, **41**, 2069g, (*synth*)