



>>Entry Name: Trichloro(1-chloroethyl)silane, 9Cl

Synonym(s): 1-(Trichlorosilyl)-1-chloroethane

CAS Registry Number: 7787-82-8

$\text{H}_3\text{CCHClSiCl}_3$

Molecular Formula: $\text{C}_2\text{H}_4\text{Cl}_4\text{Si}$

Molecular Weight: 197.95

Accurate Mass: 195.883635

Percentage Composition: C 12.14%; H 2.04%; Cl 71.64%; Si 14.19%

Aldrich: 42605-9

Rare Chemicals Library: S58485-1

>>Variant: ($\pm$)-form

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Accurate Mass: 195.883635

Percentage Composition: C 12.14%; H 2.04%; Cl 71.64%; Si 14.19%

Source/Synthesis: Synth. from EtSiCl_3 and sulfonyl chloride

Physical Description: Colourless liq.

Boiling Point: Bp 136.4°

References:

Petrov, A.D. *et al.*, *Dokl. Akad. Nauk SSSR, Ser. Khim.*, 1954, **97**, 687; *CA*, **49**, 10166, (*synth*)

Nagai, Y. *et al.*, *J.O.C.*, 1967, **32**, 1194, (*synth, cmr*)