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>>Entry Name: Tributylchlorosilane, 9Cl

CAS Registry Number: 995-45-9

$(\text{H}_3\text{CCH}_2\text{CH}_2\text{CH}_2)_3\text{SiCl}$

Molecular Formula:  $\text{C}_{12}\text{H}_{27}\text{ClSi}$

Molecular Weight: 234.883

Accurate Mass: 234.157054

Percentage Composition: C 61.36%; H 11.59%; Cl 15.09%; Si 11.96%

Use/Importance: Silylation reagent for preparing derivs. for gc and ms

Physical Description: Liq.

Boiling Point: Bp<sub>16</sub> 134-139°. Bp<sub>1</sub> 80-84°

Aldrich: 28270-7

Fluka: 90794

#### References:

*Aldrich Library of FT-IR Spectra: Vapor Phase*, 1989, **3**, 1632C, (ir)

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Pike, R.M., *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1962, **81**, 28

Semlyen, J.A. *et al.*, *J.C.S.*, 1964, 4948

Dao-Huy-Giao, C. R. *Hebd. Seances Acad. Sci.*, 1965, **260**, 6937

Khudobin, Y.I. *et al.*, *CA*, 1974, **81**, 49728

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