

Silane, chlorotripropyl-

Other names:	Tripropylchlorosilane Chlorotripropylsilane tri-n-Propylchlorosilane
Inchi:	InChI=1S/C9H21ClSi/c1-4-7-11(10,8-5-2)9-6-3/h4-9H2,1-3H3
InchiKey:	ACTAPAGNZPZLEF-UHFFFAOYSA-N
Formula:	C9H21ClSi
SMILES:	CCC[Si](Cl)(CCC)CCC
Mol. weight [g/mol]:	192.80
CAS:	995-25-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.79		Crippen Method
logp	4.401		Crippen Method
rinpol	984.00		NIST Webbook
rinpol	980.00		NIST Webbook
tb	473.00 ± 1.00	K	NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C995255&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature

Latest version available from:

<https://www.chemeo.com/cid/43-043-6/Silane-chlorotripropyl.pdf>

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