

Triisopropylsilyl chloride

Other names:	Triisopropylchlorosilane Silane, chlorotris(1-methylethyl)-
Inchi:	InChI=1S/C9H21ClSi/c1-7(2)11(10,8(3)4)9(5)6/h7-9H,1-6H3
InchiKey:	KQIADDMXRMTWHZ-UHFFFAOYSA-N
Formula:	C9H21ClSi
SMILES:	CC(C)[Si](Cl)(C(C)C)C(C)C
Mol. weight [g/mol]:	192.80
CAS:	13154-24-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.79		Crippen Method
logp	4.401		Crippen Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	353.00	K	1.30	NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C13154240&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
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logp: Octanol/Water partition coefficient

tbrp: Boiling point at reduced pressure

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