Trichlorosilyl

Inchi: InChI=1S/Cl3Si/c1-4(2)3
InchiKey: PPDADIYYMSXQJK-UHFFFAOYSA-N
Formula: Cl3Si
SMILES: Cl[Si](Cl)Cl
Mol. weight [g/mol]: 134.44
CAS: 19165-34-5

Physical Properties

Property code	Value	Unit	Source
log10ws	0.47		Crippen Method
logp	1.688		Crippen Method

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=C19165345&Units=SI

Legend

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