

Silane, chlorotriethoxy-

Other names:	Triethoxychlorosilane Chloro(triethoxy)silane Silane, triethoxy, chloro
Inchi:	InChI=1S/C6H15ClO3Si/c1-4-8-11(7,9-5-2)10-6-3/h4-6H2,1-3H3
InchiKey:	JEZFASCUIZYYEV-UHFFFAOYSA-N
Formula:	C6H15ClO3Si
SMILES:	CCO[Si](Cl)(OCC)OCC
Mol. weight [g/mol]:	198.72
CAS:	4667-99-6

Physical Properties

Property code	Value	Unit	Source
ie	10.52	eV	NIST Webbook
log10ws	0.45		Crippen Method
logp	1.770		Crippen Method
rinpol	920.00		NIST Webbook
rinpol	916.00		NIST Webbook
rinpol	920.00		NIST Webbook
rinpol	920.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C4667996&Units=SI

Legend

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

rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/114-724-1/Silane-chlorotriethoxy.pdf>

Generated by Cheméo on 2024-04-23 08:53:50.216679972 +0000 UTC m=+16151679.137257283.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.