

Silane, trichloro(4-methylphenyl)-

Other names:	p-Tolyltrichlorosilane Tolyltrichlorosilane Trichloro-p-tolylsilane Silane, trichloro-p-tolyl- p-Tolylsilyl trichloride 4-Tolyltrichlorosilane
Inchi:	InChI=1S/C7H7Cl3Si/c1-6-2-4-7(5-3-6)11(8,9)10/h2-5H,1H3
InchiKey:	WOMUGKOOOLXQCTQ-UHFFFAOYSA-N
Formula:	C7H7Cl3Si
SMILES:	<chem>Cc1ccc([Si](Cl)(Cl)Cl)cc1</chem>
Mol. weight [g/mol]:	225.57
CAS:	701-35-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.57		Crippen Method
logp	2.857		Crippen Method
tb	492.00 ± 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=C701359&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
tb:	Normal Boiling Point Temperature

Latest version available from:

<https://www.chemeo.com/cid/18-957-0/Silane-trichloro-4-methylphenyl.pdf>

Generated by Cheméo on 2024-04-29 05:08:32.517823593 +0000 UTC m=+16656561.438400906.

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