

Silane, (4-chlorophenoxy)trimethyl-

Other names: 4-Chloro-1-trimethylsilyloxybenzene
Phenol, 4-chloro, TMS
4-Chlorophenol, trimethylsilyl ether

Inchi: InChI=1S/C9H13ClOSi/c1-12(2,3)11-9-6-4-8(10)5-7-9/h4-7H,1-3H3

InchiKey: CJDREQROIGYMMO-UHFFFAOYSA-N

Formula: C9H13ClOSi

SMILES: C[Si](C)(C)Oc1ccc(Cl)cc1

Mol. weight [g/mol]: 200.74

CAS: 17005-59-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.16		Crippen Method
logp	3.554		Crippen Method
rinpol	1244.00		NIST Webbook
rinpol	1218.00		NIST Webbook
rinpol	1245.70		NIST Webbook
rinpol	1220.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C17005593&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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/41-639-7/Silane-4-chlorophenoxy-trimethyl.pdf>

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