

Phenol, 3,4,5-trichloro, TMS

Inchi: InChI=1S/C9H11Cl3OSi/c1-14(2,3)13-6-4-7(10)9(12)8(11)5-6/h4-5H,1-3H3
InchiKey: NWZAWLSNDVPUDT-UHFFFAOYSA-N
Formula: C9H11Cl3OSi
SMILES: C[Si](C)(C)Oc1cc(Cl)c(Cl)c(Cl)c1
Mol. weight [g/mol]: 269.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.53		Crippen Method
logp	4.861		Crippen Method
rinpol	1537.00		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=R100522&Units=SI>

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/11-175-5/Phenol-3-4-5-trichloro-TMS.pdf>

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