

Trichloro(pentyloxy)silane

Inchi: InChI=1S/C5H11Cl3OSi/c1-2-3-4-5-9-10(6,7)8/h2-5H2,1H3
InchiKey: XPVVHUWRWLLSNV-UHFFFAOYSA-N
Formula: C5H11Cl3OSi
SMILES: CCCCCO[Si](Cl)(Cl)Cl
Mol. weight [g/mol]: 221.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.26		Crippen Method
logp	3.345		Crippen Method
rinsol	990.00		NIST Webbook
rinsol	980.00		NIST Webbook
rinsol	1010.00		NIST Webbook
rinsol	1010.00		NIST Webbook
rinsol	1010.00		NIST Webbook
rinsol	1000.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R139392&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinsol: Non-polar retention indices

Latest version available from:

<https://www.chemo.com/cid/120-775-8/Trichloro-pentyloxy-silane.pdf>

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