

Silane, (3-chlorophenoxy)dimethyl(heptadecyloxydimethylsilyloxy)silane

Inchi: InChI=1S/C27H51ClO3Si2/c1-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-24-29-32(2,3)3
InchiKey: RUBKFNKKTZNGLI-UHFFFAOYSA-N
Formula: C27H51ClO3Si2
SMILES: CCCCCCCCCCCCCCCCCO[Si](C)(C)O[Si](C)(C)Oc1cccc(Cl)c1
Mol. weight [g/mol]: 515.32

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.09		Crippen Method
logp	10.027		Crippen Method
rinpol	2942.00		NIST Webbook
rinpol	2942.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346898&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/86-451-6/Silane-3-chlorophenoxy-dimethyl-heptadecyloxydimethylsilyloxy.pdf>

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