

Silane, chlorodiethylhexadecyloxy-

Inchi: InChI=1S/C20H43ClOSi/c1-4-7-8-9-10-11-12-13-14-15-16-17-18-19-20-22-23(21,5-2)6-3
InchiKey: QLAWDHVMLLIVCV-UHFFFAOYSA-N
Formula: C20H43ClOSi
SMILES: CCCCCCCCCCCCCCO[Si](Cl)(CC)CC
Mol. weight [g/mol]: 363.09

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.07		Crippen Method
logp	8.205		Crippen Method
rinpol	2305.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363975&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/23-194-1/Silane-chlorodiethylhexadecyloxy.pdf>

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