Silane, dimethyl(dimethyloctyloxysilyloxy)undecyloxy-

Inchi: InChI=1S/C23H52O3Si2/c1-7-9-11-13-15-16-17-19-21-23-25-28(5,6)26-27(3,4)24-22-20-

InchiKey: PLBHLTIELXGFRJ-UHFFFAOYSA-N

Formula: C23H52O3Si2

SMILES: CCCCCCCCCCCO[Si](C)(C)O[Si](C)(C)OCCCCCCCC

Mol. weight [g/mol]: 432.83

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.98		Crippen Method
logp	8.331		Crippen Method
rinpol	2241.00		NIST Webbook
rinpol	2241.00		NIST Webbook

Sources

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

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U346737&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/113-504-6/Silane-dimethyl-dimethyloctyloxysilyloxy-undecyloxy.pdf

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