Silane, dimethyl(2-methylbutoxy)heptadecyloxy-

Inchi: InChI=1S/C24H52O2Si/c1-6-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-25-27(4,5)26-

InchiKey: ZVIGOEUFWVJEGF-UHFFFAOYSA-N

Formula: C24H52O2Si

SMILES: CCCCCCCCCCCCCCCCCO[Si](C)(C)OCC(C)CC

Mol. weight [g/mol]: 400.75

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.43		Crippen Method
logp	8.639		Crippen Method
rinpol	2397.00		NIST Webbook
rinpol	2397.00		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=U347029&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/95-514-6/Silane-dimethyl-2-methylbutoxy-heptadecyloxy.pdf

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