

Silane, dimethyl(2-methylbutoxy)dodecyloxy-

Inchi: InChI=1S/C19H42O2Si/c1-6-8-9-10-11-12-13-14-15-16-17-20-22(4,5)21-18-19(3)7-2/h19
InchiKey: MLVHNWSEOJKGSY-UHFFFAOYSA-N
Formula: C19H42O2Si
SMILES: CCCCCCCCCCO[Si](C)(C)OCC(C)CC
Mol. weight [g/mol]: 330.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.34		Crippen Method
logp	6.688		Crippen Method
rinpol	1929.00		NIST Webbook
rinpol	1929.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347024&Units=SI>

Legend

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

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<https://www.chemeo.com/cid/99-749-2/Silane-dimethyl-2-methylbutoxy-dodecyloxy.pdf>

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