

Silane, dimethyl(3,7-dimethyloct-3-yloxy)heptyloxy-

Inchi: InChI=1S/C19H42O2Si/c1-8-10-11-12-13-17-20-22(6,7)21-19(5,9-2)16-14-15-18(3)4/h18
InchiKey: YKHPAWXRTVGNGY-UHFFFAOYSA-N
Formula: C19H42O2Si
SMILES: CCCCCCO[Si](C)(C)OC(C)(CC)CCCC(C)C
Mol. weight [g/mol]: 330.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.45		Crippen Method
logp	6.687		Crippen Method
rinpol	1857.00		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346783&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

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<https://www.cheméo.com/cid/99-748-3/Silane-dimethyl-3-7-dimethyloct-3-yloxy-heptyloxy.pdf>

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