

Silane, dimethyl(2-heptyloxy)pentyl-oxo-

Inchi: InChI=1S/C14H32O2Si/c1-6-8-10-12-14(3)16-17(4,5)15-13-11-9-7-2/h14H,6-13H2,1-5H3
InchiKey: ZKLUHFKUBCWUCJ-UHFFFAOYSA-N
Formula: C14H32O2Si
SMILES: CCCCCO[Si](C)(C)OC(C)CCCC
Mol. weight [g/mol]: 260.49

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.60		Crippen Method
logp	4.880		Crippen Method
rinpol	1389.00		NIST Webbook
rinpol	1389.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347654&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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