

Silane, dimethyl(3-methylpentyloxy)heptyloxy-

Inchi: InChI=1S/C15H34O2Si/c1-6-8-9-10-11-13-16-18(4,5)17-14-12-15(3)7-2/h15H,6-14H2,1-5H3
InchiKey: KRGAPQVKWPQGBW-UHFFFAOYSA-N
Formula: C15H34O2Si
SMILES: CCCCCCO[Si](C)(C)OCCC(C)CC
Mol. weight [g/mol]: 274.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.67		Crippen Method
logp	5.128		Crippen Method
rinpol	1524.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347697&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

Latest version available from:

<https://www.cheméo.com/cid/35-074-1/Silane-dimethyl-3-methylpentyloxy-heptyloxy.pdf>

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