

Silane, dimethyl(4-methylpent-2-yloxy)decyloxy-

Inchi: InChI=1S/C18H40O2Si/c1-7-8-9-10-11-12-13-14-15-19-21(5,6)20-18(4)16-17(2)3/h17-18
InchiKey: UPNZRUBXXDTTFU-UHFFFAOYSA-N
Formula: C18H40O2Si
SMILES: CCCCCCCCCO[Si](C)(C)OC(C)CC(C)C
Mol. weight [g/mol]: 316.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.03		Crippen Method
logp	6.297		Crippen Method
rinpol	1744.00		NIST Webbook
rinpol	1744.00		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=U347597&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/97-488-4/Silane-dimethyl-4-methylpent-2-yloxy-decyloxy.pdf>

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