

Silane, diethylheptyloxy(2-methylpent-3-yloxy)-

Inchi: InChI=1S/C17H38O2Si/c1-7-11-12-13-14-15-18-20(9-3,10-4)19-17(8-2)16(5)6/h16-17H,7
InchiKey: QLRLCDLWVSIMOF-UHFFFAOYSA-N
Formula: C17H38O2Si
SMILES: CCCCCCO[Si](CC)(CC)OC(CC)C(C)C
Mol. weight [g/mol]: 302.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.62		Crippen Method
logp	5.907		Crippen Method
rinpol	1691.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363778&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/43-784-4/Silane-diethylheptyloxy-2-methylpent-3-yloxy.pdf>

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