

Silane, diethyl(3-methylpent-2-yloxy)octyloxy-

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.03		Crippen Method
logp	6.297		Crippen Method
rinpol	1766.00		NIST Webbook
rinpol	1766.00		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=U363764&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/24-813-2/Silane-diethyl-3-methylpent-2-yloxy-octyloxy.pdf>

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