

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

Inchi: InChI=1S/C18H40O2Si/c1-8-11-12-13-14-15-16-19-21(9-2,10-3)20-17(4)18(5,6)7/h17H,8
InchiKey: SZTYLCNIUVZUGL-UHFFFAOYSA-N
Formula: C18H40O2Si
SMILES: CCCCCCCO[Si](CC)(CC)OC(C)C(C)(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	1727.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363479&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.cheméo.com/cid/55-430-3/Silane-diethyl-3-3-dimethylbut-2-yloxy-octyloxy.pdf>

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