

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

Inchi:	InChI=1S/C17H38O2Si/c1-8-11-12-13-14-15-18-20(9-2,10-3)19-16(4)17(5,6)7/h16H,8-15
InchiKey:	SFCOVRQJPDCDPH-UHFFFAOYSA-N
Formula:	C17H38O2Si
SMILES:	CCCCCCCO[Si](CC)(CC)OC(C)C(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	1622.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U363478&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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.chemeo.com/cid/58-313-0/Silane-diethyl-3-3-dimethylbut-2-yloxy-heptyloxy.pdf>

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