

Silane, diethylheptyloxy(3-methylbutoxy)-

Inchi:	InChI=1S/C16H36O2Si/c1-6-9-10-11-12-14-17-19(7-2,8-3)18-15-13-16(4)5/h16H,6-15H2
InchiKey:	VJZDBMMXFSIFTF-UHFFFAOYSA-N
Formula:	C16H36O2Si
SMILES:	CCCCCCCO[Si](CC)(CC)OCCC(C)C
Mol. weight [g/mol]:	288.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.09		Crippen Method
logp	5.518		Crippen Method
rinpol	1602.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U362997&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/51-949-2/Silane-diethylheptyloxy-3-methylbutoxy.pdf>

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