

Silane, diethylbutoxy(4-octyloxy)-

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.44		Crippen Method
logp	5.661		Crippen Method
rinpol	1527.00		NIST Webbook
rinpol	1527.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363747&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
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

Latest version available from:

<https://www.chemeo.com/cid/63-278-4/Silane-diethylbutoxy-4-octyloxy.pdf>

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