

Silane, diethylbutoxy(2-decyloxy)-

Inchi: InChI=1S/C18H40O2Si/c1-6-10-12-13-14-15-16-18(5)20-21(8-3,9-4)19-17-11-7-2/h18H,6
InchiKey: KYUUQXAHZHWEHDH-UHFFFAOYSA-N
Formula: C18H40O2Si
SMILES: CCCCCCCC(C)O[Si](CC)(CC)OCCCC
Mol. weight [g/mol]: 316.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.28		Crippen Method
logp	6.441		Crippen Method
rinpol	1774.00		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=U363444&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/56-117-0/Silane-diethylbutoxy-2-decyloxy.pdf>

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