

Silane, diethyldi(2-heptyloxy)-

Inchi: InChI=1S/C18H40O2Si/c1-7-11-13-15-17(5)19-21(9-3,10-4)20-18(6)16-14-12-8-2/h17-18
InchiKey: MQLMYTIRYBPGKR-UHFFFAOYSA-N
Formula: C18H40O2Si
SMILES: CCCCCC(C)O[Si](CC)(CC)OC(C)CCCC
Mol. weight [g/mol]: 316.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.39		Crippen Method
logp	6.439		Crippen Method
rinpol	1685.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363730&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/52-636-8/Silane-diethyldi-2-heptyloxy.pdf>

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