

Silane, diethyl(2-decyloxy)pentyl-oxo-

Inchi: InChI=1S/C19H42O2Si/c1-6-10-12-13-14-15-17-19(5)21-22(8-3,9-4)20-18-16-11-7-2/h19
InchiKey: ICAMTXKSMDSDQG-UHFFFAOYSA-N
Formula: C19H42O2Si
SMILES: CCCCCCCCC(C)O[Si](CC)(CC)OCCCCC
Mol. weight [g/mol]: 330.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.70		Crippen Method
logp	6.831		Crippen Method
rinpol	1863.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363445&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/46-748-1/Silane-diethyl-2-decyloxy-pentyl-oxo-.pdf>

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