

Silane, diethyldecyloxyneopentyloxy-

Inchi: InChI=1S/C19H42O2Si/c1-7-10-11-12-13-14-15-16-17-20-22(8-2,9-3)21-18-19(4,5)6/h7-
InchiKey: XMDVQNKEXNDPPF-UHFFFAOYSA-N
Formula: C19H42O2Si
SMILES: CCCCCCCCCO[Si](CC)(CC)OCC(C)(C)C
Mol. weight [g/mol]: 330.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.34		Crippen Method
logp	6.688		Crippen Method
rinpol	1823.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363943&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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

Latest version available from:

<https://www.cheméo.com/cid/26-150-6/Silane-diethyldecyloxyneopentyloxy.pdf>

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