

Silane, dimethyl(dimethylpentylloxysilyloxy)undecyloxy-

Inchi: InChI=1S/C20H46O3Si2/c1-7-9-11-12-13-14-15-16-18-20-22-25(5,6)23-24(3,4)21-19-17
InchiKey: DTWLZPBSESYRDS-UHFFFAOYSA-N
Formula: C20H46O3Si2
SMILES: CCCCCCCCCCO[Si](C)(C)O[Si](C)(C)OCCCCC
Mol. weight [g/mol]: 390.75

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.72		Crippen Method
logp	7.161		Crippen Method
rinsol	2000.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346817&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinsol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/113-261-6/Silane-dimethyl-dimethylpentylloxysilyloxy-undecyloxy.pdf>

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