

Silane, dimethylhexyloxyundecyloxy-

Inchi: InChI=1S/C19H42O2Si/c1-5-7-9-11-12-13-14-15-17-19-21-22(3,4)20-18-16-10-8-6-2/h5-
InchiKey: PATGWWNKTSVRFU-UHFFFAOYSA-N
Formula: C19H42O2Si
SMILES: CCCCCCCCCCO[Si](C)(C)OCCCCC
Mol. weight [g/mol]: 330.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.58		Crippen Method
logp	6.833		Crippen Method
rinpol	1966.00		NIST Webbook
rinpol	1966.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346910&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/47-707-5/Silane-dimethylhexyloxyundecyloxy.pdf>

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