

Silane, dimethyldecyloxydocosyloxy-

Inchi: InChI=1S/C34H72O2Si/c1-5-7-9-11-13-15-16-17-18-19-20-21-22-23-24-25-26-28-30-32-
InchiKey: FCEVFWGMBXOXEY-UHFFFAOYSA-N
Formula: C34H72O2Si
SMILES: CCCCCCCCCCCCCCCCCCCCCCO[Si](C)(C)CCCCCCCCCCC
Mol. weight [g/mol]: 541.02

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.86		Crippen Method
logp	12.684		Crippen Method
rinpol	3454.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346934&Units=SI>

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/56-562-6/Silane-dimethyldecyloxydocosyloxy.pdf>

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