

Silane, dimethyl(dimethyl(2-decyloxy)silyloxy)(2-decyloxy)

Inchi: InChI=1S/C24H54O3Si2/c1-9-11-13-15-17-19-21-23(3)25-28(5,6)27-29(7,8)26-24(4)22-2
InchiKey: VKLDTJKBDUXOGT-UHFFFAOYSA-N
Formula: C24H54O3Si2
SMILES: CCCCCCCC(C)O[Si](C)(C)O[Si](C)(C)OC(C)CCCCCCC
Mol. weight [g/mol]: 446.85

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.62		Crippen Method
logp	8.718		Crippen Method
rinsol	2187.00		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=U347636&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/113-273-3/Silane-dimethyl-dimethyl-2-decyloxy-silyloxy-2-decyloxy.pdf>

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