

Silane, dimethyl(dimethyldecyloxysilyloxy)decyloxy-

Inchi: InChI=1S/C24H54O3Si2/c1-7-9-11-13-15-17-19-21-23-25-28(3,4)27-29(5,6)26-24-22-20
InchiKey: FUHJNAORFUINAN-UHFFFAOYSA-N
Formula: C24H54O3Si2
SMILES: CCCCCCCCCO[Si](C)(C)O[Si](C)(C)OCCCCCCCCC
Mol. weight [g/mol]: 446.85

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.40		Crippen Method
logp	8.721		Crippen Method
rinpol	2342.00		NIST Webbook
rinpol	2342.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346938&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

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<https://www.cheméo.com/cid/69-235-5/Silane-dimethyl-dimethyldecyloxysilyloxy-decyloxy.pdf>

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