

Silane, dimethyl(2-octyloxy)heptadecyloxy-

Inchi: InChI=1S/C27H58O2Si/c1-6-8-10-12-13-14-15-16-17-18-19-20-21-22-24-26-28-30(4,5)2
InchiKey: BKASQDGVHHJVTN-UHFFFAOYSA-N
Formula: C27H58O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](C)(C)OC(C)CCCCC
Mol. weight [g/mol]: 442.83

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.04		Crippen Method
logp	9.952		Crippen Method
rinpol	2637.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346851&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
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/68-456-1/Silane-dimethyl-2-octyloxy-heptadecyloxy.pdf>

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