

Silane, dimethyl(dimethyloctyloxysilyloxy)undecyloxy-

Inchi: InChI=1S/C23H52O3Si2/c1-7-9-11-13-15-16-17-19-21-23-25-28(5,6)26-27(3,4)24-22-20
InchiKey: PLBHLTIELXGFRJ-UHFFFAOYSA-N
Formula: C23H52O3Si2
SMILES: CCCCCCCCCCO[Si](C)(C)O[Si](C)(C)OCCCCCCCC
Mol. weight [g/mol]: 432.83

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.98		Crippen Method
logp	8.331		Crippen Method
rinsol	2241.00		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=U346737&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/113-504-6/Silane-dimethyl-dimethyloctyloxysilyloxy-undecyloxy.pdf>

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