

Silane, dimethyl(dimethyloctyloxysilyloxy)nonyloxy-

Inchi: InChI=1S/C21H48O3Si2/c1-7-9-11-13-15-17-19-21-23-26(5,6)24-25(3,4)22-20-18-16-14
InchiKey: AUGDXAOLSGVAHO-UHFFFAOYSA-N
Formula: C₂₁H₄₈O₃Si₂
SMILES: CCCCCCCCCO[Si](C)(C)O[Si](C)(C)OCCCCCCCC
Mol. weight [g/mol]: 404.77

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.14		Crippen Method
logp	7.551		Crippen Method
rinpol	2071.00		NIST Webbook
rinpol	2071.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346736&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/113-505-5/Silane-dimethyl-dimethyloctyloxysilyloxy-nonyloxy.pdf>

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