

Silane, dimethyl(3,7-dimethyloct-3-yloxy)decyloxy-

Inchi: InChI=1S/C22H48O2Si/c1-8-10-11-12-13-14-15-16-20-23-25(6,7)24-22(5,9-2)19-17-18-2
InchiKey: UMCKCBFAGCCZLP-UHFFFAOYSA-N
Formula: C22H48O2Si
SMILES: CCCCCCCCCCO[Si](C)(C)OC(C)(CC)CCCC(C)C
Mol. weight [g/mol]: 372.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.71		Crippen Method
logp	7.857		Crippen Method
rinpol	2137.00		NIST Webbook
rinpol	2137.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346785&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/95-935-9/Silane-dimethyl-3-7-dimethyloct-3-yloxy-decyloxy.pdf>

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