

Silane, dimethyl(dimethyl(4-heptyloxy)silyloxy)(4-heptyloxy)silyloxy

Inchi: InChI=1S/C18H42O3Si2/c1-9-13-17(14-10-2)19-22(5,6)21-23(7,8)20-18(15-11-3)16-12-4
InchiKey: PYVBIAAVXQGTHS-UHFFFAOYSA-N
Formula: C18H42O3Si2
SMILES: CCCC(CCC)O[Si](C)(C)O[Si](C)(C)OC(CCC)CCC
Mol. weight [g/mol]: 362.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.11		Crippen Method
logp	6.377		Crippen Method
rinpol	1602.00		NIST Webbook
rinpol	1602.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347606&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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/119-853-3/Silane-dimethyl-dimethyl-4-heptyloxy-silyloxy-4-heptyloxy.pdf>

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