

Silane, dimethyl(dimethyl(3-heptyloxy)silyloxy)(3-heptyloxy)silyloxy

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.11		Crippen Method
logp	6.377		Crippen Method
rinpol	1635.00		NIST Webbook
rinpol	1635.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347717&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/116-226-2/Silane-dimethyl-dimethyl-3-heptyloxy-silyloxy-3-heptyloxy.pdf>

Generated by Cheméo on 2024-05-01 20:23:43.442610549 +0000 UTC m=+16884272.363187860.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.