

Silane, dimethyl(dimethyl(2-heptyloxy)silyloxy)(2-heptyloxy)silyloxy

Inchi: InChI=1S/C18H42O3Si2/c1-9-11-13-15-17(3)19-22(5,6)21-23(7,8)20-18(4)16-14-12-10-2
InchiKey: FAJPCNUNVFLDF-UHFFFAOYSA-N
Formula: C18H42O3Si2
SMILES: CCCCC(C)O[Si](C)(C)O[Si](C)(C)OC(C)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	1653.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347663&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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