

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

Inchi: InChI=1S/C16H38O3Si2/c1-9-15(3)11-13-17-20(5,6)19-21(7,8)18-14-12-16(4)10-2/h15-16
InchiKey: SHIAFMAZXJXRPN-UHFFFAOYSA-N
Formula: C16H38O3Si2
SMILES: CCC(C)CCO[Si](C)(C)O[Si](C)(C)OCCC(C)CC
Mol. weight [g/mol]: 334.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.56		Crippen Method
logp	5.312		Crippen Method
rinpol	1543.00		NIST Webbook
rinpol	1543.00		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=U347711&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/25-742-0/Silane-dimethyl-dimethyl-3-methylpentyloxy-silyloxy-3-methylpentyloxy.pdf>

Generated by Cheméo on 2024-04-30 02:09:16.419980892 +0000 UTC m=+16732205.340558208.

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