

Silane, dimethyl(dimethylpentylloxysilyloxy)nonyloxy-

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.89		Crippen Method
logp	6.381		Crippen Method
rinpol	1812.00		NIST Webbook
rinpol	1812.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346815&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/113-259-9/Silane-dimethyl-dimethylpentylloxysilyloxy-nonyloxy.pdf>

Generated by Cheméo on 2024-04-28 23:17:54.30686283 +0000 UTC m=+16635523.227440146.

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