

Silane, dimethyl(3,7-dimethyloct-3-yloxy)butoxy-

Inchi: InChI=1S/C16H36O2Si/c1-8-10-14-17-19(6,7)18-16(5,9-2)13-11-12-15(3)4/h15H,8-14H2
InchiKey: YKEUITQSEFBQOQ-UHFFFAOYSA-N
Formula: C16H36O2Si
SMILES: CCCCCO[Si](C)(C)OC(C)(CC)CCCC(C)C
Mol. weight [g/mol]: 288.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.20		Crippen Method
logp	5.516		Crippen Method
rinpol	1567.00		NIST Webbook
rinpol	1567.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346781&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
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/28-750-8/Silane-dimethyl-3-7-dimethyloct-3-yloxy-butoxy.pdf>

Generated by Cheméo on 2025-12-20 03:56:50.891188711 +0000 UTC m=+5951208.421229364.

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