

Silane, dimethyl(2-decyloxy)octyloxy-

Inchi: InChI=1S/C20H44O2Si/c1-6-8-10-12-14-16-18-20(3)22-23(4,5)21-19-17-15-13-11-9-7-2/
InchiKey: HYCJKLLFHHSYHA-UHFFFAOYSA-N
Formula: C20H44O2Si
SMILES: CCCCCCCC[Si](C)(C)OC(C)CCCCCCC
Mol. weight [g/mol]: 344.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.11		Crippen Method
logp	7.221		Crippen Method
rinpol	1961.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347623&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.cheméo.com/cid/52-644-9/Silane-dimethyl-2-decyloxy-octyloxy.pdf>

Generated by Cheméo on 2024-04-27 03:32:16.183385132 +0000 UTC m=+16477985.103962451.

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