

Silane, diethyldecyloxy(2-methylpentyloxy)-

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.76		Crippen Method
logp	7.079		Crippen Method
rinpol	1981.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363119&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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/38-031-5/Silane-diethyldecyloxy-2-methylpentyloxy.pdf>

Generated by Cheméo on 2024-04-20 16:22:24.476723605 +0000 UTC m=+15919393.397300920.

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