

Silane, diethyldecyloxy(3,3-dimethylbut-2-yloxy)-

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.87		Crippen Method
logp	7.077		Crippen Method
rinpol	1930.00		NIST Webbook
rinpol	1930.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363481&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/33-935-7/Silane-diethyldecyloxy-3-3-dimethylbut-2-yloxy.pdf>

Generated by Cheméo on 2024-04-27 20:36:02.704406268 +0000 UTC m=+16539411.624983583.

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