

Silane, diethyldecyloxy(2-ethylbutoxy)-

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.76		Crippen Method
logp	7.079		Crippen Method
rinpol	1982.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363429&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/45-204-5/Silane-diethyldecyloxy-2-ethylbutoxy.pdf>

Generated by Cheméo on 2024-04-19 00:25:52.854632406 +0000 UTC m=+15775601.775209718.

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