

Silane, diethyldodecyloxy(3-methylbutoxy)-

Inchi: InChI=1S/C21H46O2Si/c1-6-9-10-11-12-13-14-15-16-17-19-22-24(7-2,8-3)23-20-18-21(4)
InchiKey: APYVBAXYUYAWJR-UHFFFAOYSA-N
Formula: C21H46O2Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)OCCC(C)C
Mol. weight [g/mol]: 358.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.18		Crippen Method
logp	7.469		Crippen Method
rinpol	2093.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363001&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.chemeo.com/cid/13-019-6/Silane-diethyldodecyloxy-3-methylbutoxy.pdf>

Generated by Cheméo on 2024-04-27 03:33:31.090875376 +0000 UTC m=+16478060.011452691.

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