

Silane, dimethyldi(2-decyloxy)-

Inchi: InChI=1S/C22H48O2Si/c1-7-9-11-13-15-17-19-21(3)23-25(5,6)24-22(4)20-18-16-14-12-10
InchiKey: JDVIVKLMFLRCTF-UHFFFAOYSA-N
Formula: C22H48O2Si
SMILES: CCCCCCCCC(C)O[Si](C)(C)OC(C)CCCCCCCC
Mol. weight [g/mol]: 372.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.06		Crippen Method
logp	8.000		Crippen Method
rinpol	2085.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347632&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/47-957-8/Silane-dimethyldi-2-decyloxy.pdf>

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