

Silane, dimethyl(dimethyl(2-ethylhexyloxy)silyloxy)decyl

Inchi: InChI=1S/C22H50O3Si2/c1-8-11-13-14-15-16-17-18-20-23-26(4,5)25-27(6,7)24-21-22(10,11)
InchiKey: HZGADXUANIEHAY-UHFFFAOYSA-N
Formula: C22H50O3Si2
SMILES: CCCCCCCCCO[Si](C)(C)O[Si](C)(C)OCC(CC)CCCC
Mol. weight [g/mol]: 418.80

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.32		Crippen Method
logp	7.797		Crippen Method
rinpol	2081.00		NIST Webbook
rinpol	2081.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346791&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.cheméo.com/cid/13-951-1/Silane-dimethyl-dimethyl-2-ethylhexyloxy-silyloxy-decyloxy.pdf>

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