

Silane, dimethyl(2-ethylbutoxy)tetradecyloxy-

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.60		Crippen Method
logp	7.859		Crippen Method
rinpol	2180.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347584&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/52-642-1/Silane-dimethyl-2-ethylbutoxy-tetradecyloxy.pdf>

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