

Silane, dimethyl(2-ethylbutoxy)pentadecyloxy-

Inchi: InChI=1S/C23H50O2Si/c1-6-9-10-11-12-13-14-15-16-17-18-19-20-21-24-26(4,5)25-22-23
InchiKey: IRQNXDZUGJRGDU-UHFFFAOYSA-N
Formula: C₂₃H₅₀O₂Si
SMILES: CCCCCCCCCCCCCCO[Si](C)(C)OCC(CC)CC
Mol. weight [g/mol]: 386.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.02		Crippen Method
logp	8.249		Crippen Method
rinpol	2274.00		NIST Webbook
rinpol	2274.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347585&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

Latest version available from:

<https://www.cheméo.com/cid/99-179-5/Silane-dimethyl-2-ethylbutoxy-pentadecyloxy.pdf>

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