

Silane, dimethyl(2-pentyloxy)hexadecyloxy-

Inchi: InChI=1S/C23H50O2Si/c1-6-8-9-10-11-12-13-14-15-16-17-18-19-20-22-24-26(4,5)25-23
InchiKey: PRZQQLLYVNZSX-UHFFFAOYSA-N
Formula: C23H50O2Si
SMILES: CCCCCCCCCCCCCCO[Si](C)(C)OC(C)CCC
Mol. weight [g/mol]: 386.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.37		Crippen Method
logp	8.391		Crippen Method
rinpol	2284.00		NIST Webbook
rinpol	2284.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346868&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/57-088-2/Silane-dimethyl-2-pentyloxy-hexadecyloxy.pdf>

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