

Silane, diethyl(2-heptyloxy)tetradecyloxy-

Inchi: InChI=1S/C25H54O2Si/c1-6-10-12-13-14-15-16-17-18-19-20-22-24-26-28(8-3,9-4)27-25
InchiKey: CXVHMMIMOMXHIK-UHFFFAOYSA-N
Formula: C25H54O2Si
SMILES: CCCCCCCCCCCCCO[Si](CC)(CC)OC(C)CCCC
Mol. weight [g/mol]: 414.78

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.21		Crippen Method
logp	9.171		Crippen Method
rinpol	2415.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363726&Units=SI>

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/63-653-7/Silane-diethyl-2-heptyloxy-tetradecyloxy.pdf>

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