

Silane, diethyl(2-methylpentylloxy)tetradecyloxy-

Inchi: InChI=1S/C24H52O2Si/c1-6-10-11-12-13-14-15-16-17-18-19-20-22-25-27(8-3,9-4)26-23
InchiKey: XPFHBXUWINMIMZ-UHFFFAOYSA-N
Formula: C24H52O2Si
SMILES: CCCCCCCCCCCCCO[Si](CC)(CC)OCC(C)CCC
Mol. weight [g/mol]: 400.75

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.43		Crippen Method
logp	8.639		Crippen Method
rinpol	2350.00		NIST Webbook
rinpol	2350.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363123&Units=SI>

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/49-424-7/Silane-diethyl-2-methylpentylloxy-tetradecyloxy.pdf>

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