

Silane, diethylhexadecyloxy(2-methylpent-3-yloxy)-

Inchi: InChI=1S/C26H56O2Si/c1-7-11-12-13-14-15-16-17-18-19-20-21-22-23-24-27-29(9-3,10-4)
InchiKey: BYHAIYRTOVEZRM-UHFFFAOYSA-N
Formula: C₂₆H₅₆O₂Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](CC)(CC)OC(CC)C(C)C
Mol. weight [g/mol]: 428.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.38		Crippen Method
logp	9.417		Crippen Method
rinpol	2558.00		NIST Webbook
rinpol	2558.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363787&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/65-448-3/Silane-diethylhexadecyloxy-2-methylpent-3-yloxy.pdf>

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