

Silane, diethylhexadecyloxyisobutoxy-

Inchi: InChI=1S/C24H52O2Si/c1-6-9-10-11-12-13-14-15-16-17-18-19-20-21-22-25-27(7-2,8-3)2
InchiKey: NYPMSHVHXARHDQ-UHFFFAOYSA-N
Formula: C24H52O2Si
SMILES: CCCCCCCCCCCCCCO[Si](CC)(CC)OCC(C)C
Mol. weight [g/mol]: 400.75

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.43		Crippen Method
logp	8.639		Crippen Method
rinpol	2381.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363069&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/21-429-2/Silane-diethylhexadecyloxyisobutoxy.pdf>

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