

Silane, diethylhexadecyloxy(2-methoxyethoxy)-

Inchi: InChI=1S/C23H50O3Si/c1-5-8-9-10-11-12-13-14-15-16-17-18-19-20-21-25-27(6-2,7-3)26
InchiKey: XBALZXNZMCMXCI-UHFFFAOYSA-N
Formula: C23H50O3Si
SMILES: CCCCCCCCCCCCCCO[Si](CC)(CC)OCCOC
Mol. weight [g/mol]: 402.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.34		Crippen Method
logp	7.629		Crippen Method
rinpol	2464.00		NIST Webbook
rinpol	2464.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363545&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/65-500-4/Silane-diethylhexadecyloxy-2-methoxyethoxy.pdf>

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