

Silane, dimethyl(2-methoxyethoxy)hexadecyloxy-

Inchi: InChI=1S/C21H46O3Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-23-25(3,4)24-21-20
InchiKey: NBIJMSJVXMGGBW-UHFFFAOYSA-N
Formula: C21H46O3Si
SMILES: CCCCCCCCCCCCCCO[Si](C)(C)OCCOC
Mol. weight [g/mol]: 374.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.51		Crippen Method
logp	6.849		Crippen Method
rinpol	2279.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347854&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/30-110-5/Silane-dimethyl-2-methoxyethoxy-hexadecyloxy.pdf>

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