

Silane, dimethylpentyloxytetradecyloxy-

Inchi: InChI=1S/C21H46O2Si/c1-5-7-9-10-11-12-13-14-15-16-17-19-21-23-24(3,4)22-20-18-8-6
InchiKey: ZQUHRSDDSJODNB-UHFFFAOYSA-N
Formula: C21H46O2Si
SMILES: CCCCCCCCCCCCCO[Si](C)(C)OCCCCC
Mol. weight [g/mol]: 358.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.42		Crippen Method
logp	7.613		Crippen Method
rinpol	2152.00		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=U346832&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

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/84-812-7/Silane-dimethylpentyloxytetradecyloxy.pdf>

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