

Silane, methylvinyl(hexyloxy)dodecyloxy-

Inchi: InChI=1S/C21H44O2Si/c1-5-8-10-12-13-14-15-16-17-19-21-23-24(4,7-3)22-20-18-11-9-6
InchiKey: IVUYUQGRHUDIOC-UHFFFAOYSA-N
Formula: C21H44O2Si
SMILES: C=C[Si](C)(OCCCCC)OCCCCCCCCCCCC
Mol. weight [g/mol]: 356.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.36		Crippen Method
logp	7.318		Crippen Method
rinpol	2202.00		NIST Webbook
rinpol	2202.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416439&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
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/96-207-6/Silane-methylvinyl-hexyloxy-dodecyloxy.pdf>

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