

Silane, dimethyl(dec-4-enyloxy)hexyloxy-

Inchi: InChI=1S/C18H38O2Si/c1-5-7-9-11-12-13-14-16-18-20-21(3,4)19-17-15-10-8-6-2/h12-13
InchiKey: XPUZBUZHESRPME-OUKQBFOZSA-N
Formula: C18H38O2Si
SMILES: CCCCCC=CCCCO[Si](C)(C)OCCCCC
Mol. weight [g/mol]: 314.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.02		Crippen Method
logp	6.218		Crippen Method
rinpol	1839.00		NIST Webbook
rinpol	1839.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U348010&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/55-789-6/Silane-dimethyl-dec-4-enyloxy-hexyloxy.pdf>

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