

Silane, methylvinyl(hept-4-yloxy)octyloxy-

Inchi: InChI=1S/C18H38O2Si/c1-6-10-11-12-13-14-17-19-21(5,9-4)20-18(15-7-2)16-8-3/h9,18H
InchiKey: FMDWCDURTLXRIW-UHFFFAOYSA-N
Formula: C18H38O2Si
SMILES: C=C[Si](C)(OCCCCCCCC)OC(CCC)CCC
Mol. weight [g/mol]: 314.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.22		Crippen Method
logp	6.146		Crippen Method
rinpol	1723.00		NIST Webbook
rinpol	1723.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416976&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/99-265-9/Silane-methylvinyl-hept-4-yloxy-octyloxy.pdf>

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