

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

Inchi: InChI=1S/C19H40O2Si/c1-5-7-9-11-12-13-15-17-19-21-22(3,4)20-18-16-14-10-8-6-2/h12
InchiKey: CBTDFEWJEKTDSF-OUKQBFOZSA-N
Formula: C19H40O2Si
SMILES: CCCCCC=CCCCO[Si](C)(C)OCCCCCCC
Mol. weight [g/mol]: 328.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.44		Crippen Method
logp	6.609		Crippen Method
rinpol	1935.00		NIST Webbook
rinpol	1935.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U348011&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/97-770-0/Silane-dimethyl-dec-4-enyloxy-heptyloxy.pdf>

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