

Silane, methylvinyl(pent-2-yloxy)dodecyloxy-

Inchi: InChI=1S/C20H42O2Si/c1-6-9-10-11-12-13-14-15-16-17-19-21-23(5,8-3)22-20(4)18-7-2/
InchiKey: MYCRSSYAYOHSAB-UHFFFAOYSA-N
Formula: C20H42O2Si
SMILES: C=C[Si](C)(OCCCCCCCCCCCCC)OC(C)CCC
Mol. weight [g/mol]: 342.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.05		Crippen Method
logp	6.926		Crippen Method
rinpol	2060.00		NIST Webbook
rinpol	2060.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416289&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/95-720-7/Silane-methylvinyl-pent-2-yloxy-dodecyloxy.pdf>

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