

Silane, diphenyloctadecyloxy(pent-4-en-2-yloxy)-

Inchi: InChI=1S/C35H56O2Si/c1-4-6-7-8-9-10-11-12-13-14-15-16-17-18-19-26-32-36-38(37-33)
InchiKey: HTZITQIYOHSLC-UHFFFAOYSA-N
Formula: C35H56O2Si
SMILES: C=CCC(C)O[Si](OCCCCCCCCCCCCCCCCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 536.90

Physical Properties

Property code	Value	Unit	Source
log10ws	-17.41		Crippen Method
logp	9.502		Crippen Method
rinpol	3426.00		NIST Webbook
rinpol	3426.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367837&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/98-909-5/Silane-diphenyloctadecyloxy-pent-4-en-2-yloxy.pdf>

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