

Silane, diphenyloctyloxy(pent-4-en-1-yloxy)-

Inchi: InChI=1S/C25H36O2Si/c1-3-5-7-8-9-17-23-27-28(26-22-16-6-4-2,24-18-12-10-13-19-24)
InchiKey: SVBJYFLVNVCEPR-UHFFFAOYSA-N
Formula: C₂₅H₃₆O₂Si
SMILES: C=CCCCO[Si](OCCCCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 396.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.11		Crippen Method
logp	5.603		Crippen Method
rinpol	2497.00		NIST Webbook
rinpol	2497.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367981&Units=SI>

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.chemeo.com/cid/54-736-5/Silane-diphenyloctyloxy-pent-4-en-1-yloxy.pdf>

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