

Silane, diphenylcyclopentyloxyoctyloxy-

Inchi: InChI=1S/C25H36O2Si/c1-2-3-4-5-6-15-22-26-28(24-18-9-7-10-19-24,25-20-11-8-12-21-
InchiKey: CFCHZWRMRIQDOE-UHFFFAOYSA-N
Formula: C25H36O2Si
SMILES: CCCCCCO[Si](OC1CCCC1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 396.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.26		Crippen Method
logp	5.579		Crippen Method
rinpol	2570.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368009&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/65-823-6/Silane-diphenylcyclopentyloxyoctyloxy.pdf>

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