

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

Inchi: InChI=1S/C22H28O2Si/c1-5-13-19(3)23-25(24-20(4)14-6-2,21-15-9-7-10-16-21)22-17-11
InchiKey: UOKDKZQMRIPRCF-UHFFFAOYSA-N
Formula: C22H28O2Si
SMILES: C=CCC(C)O[Si](OC(C)CC=C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 352.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.93		Crippen Method
logp	4.205		Crippen Method
rinpol	2079.00		NIST Webbook
rinpol	2079.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367838&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/32-427-2/Silane-diphenyldi-pent-4-en-2-yloxy.pdf>

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