

Silane, diphenyl(pent-4-en-2-yloxy)pentyl-oxo-

Inchi: InChI=1S/C22H30O2Si/c1-4-6-13-19-23-25(24-20(3)14-5-2,21-15-9-7-10-16-21)22-17-11
InchiKey: PRLXFROZVFUMIW-UHFFFAOYSA-N
Formula: C22H30O2Si
SMILES: C=CCC(C)O[Si](OCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 354.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.97		Crippen Method
logp	4.431		Crippen Method
rinpol	2140.00		NIST Webbook
rinpol	2140.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367824&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/55-237-8/Silane-diphenyl-pent-4-en-2-yloxy-pentyl-oxo-.pdf>

Generated by Cheméo on 2024-04-28 20:31:04.130778562 +0000 UTC m=+16625513.051355874.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.