

Silane, diphenyldicyclopentyloxy-

Inchi: InChI=1S/C22H28O2Si/c1-3-15-21(16-4-1)25(22-17-5-2-6-18-22,23-19-11-7-8-12-19)24-
InchiKey: OYHRHGHZSGLIGM-UHFFFAOYSA-N
Formula: C22H28O2Si
SMILES: c1ccc([Si](OC2CCCC2)(OC2CCCC2)c2ccccc2)cc1
Mol. weight [g/mol]: 352.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.02		Crippen Method
logp	4.161		Crippen Method
rinpol	2363.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368013&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.cheméo.com/cid/12-563-3/Silane-diphenyldicyclopentyloxy.pdf>

Generated by Cheméo on 2024-04-27 20:50:20.811445957 +0000 UTC m=+16540269.732023274.

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