

Silane, diphenylcyclopentyloxy-pentyloxy-

Inchi: InChI=1S/C22H30O2Si/c1-2-3-12-19-23-25(21-15-6-4-7-16-21,22-17-8-5-9-18-22)24-20-
InchiKey: IADMGAWAIWCZJK-UHFFFAOYSA-N
Formula: C22H30O2Si
SMILES: CCCCCO[Si](OC1CCCC1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 354.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.01		Crippen Method
logp	4.409		Crippen Method
rinpol	2279.00		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=U368006&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.cheméo.com/cid/34-705-1/Silane-diphenylcyclopentyloxy-pentyloxy.pdf>

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