

Silane, diphenylbutoxy(1-cyclopentylethoxy)-

Inchi: InChI=1S/C23H32O2Si/c1-3-4-19-24-26(22-15-7-5-8-16-22,23-17-9-6-10-18-23)25-20(2)
InchiKey: RJBJSJRNVAEIC-UHFFFAOYSA-N
Formula: C23H32O2Si
SMILES: CCCCCO[Si](OC(C)C1CCCC1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 368.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.19		Crippen Method
logp	4.655		Crippen Method
rinpol	2323.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368038&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/44-632-1/Silane-diphenylbutoxy-1-cyclopentylethoxy.pdf>

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