

Silane, diphenylisobutoxy(pent-4-en-1-yloxy)-

Inchi: InChI=1S/C21H28O2Si/c1-4-5-12-17-22-24(23-18-19(2)3,20-13-8-6-9-14-20)21-15-10-7-
InchiKey: URWFHGLTLFZDCK-UHFFFAOYSA-N
Formula: C₂₁H₂₈O₂Si
SMILES: C=CCCCO[Si](OCC(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 340.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.20		Crippen Method
logp	3.898		Crippen Method
rinpol	2077.00		NIST Webbook
rinpol	2077.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367976&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/20-291-6/Silane-diphenylisobutoxy-pent-4-en-1-yloxy.pdf>

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