

Silane, diphenylethoxy(3-oxobut-2-yloxy)-

Inchi: InChI=1S/C18H22O3Si/c1-4-20-22(21-16(3)15(2)19,17-11-7-5-8-12-17)18-13-9-6-10-14-
InchiKey: HDEAESDGQSOBTN-UHFFFAOYSA-N
Formula: C18H22O3Si
SMILES: CCO[Si](OC(C)C(C)=O)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 314.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.72		Crippen Method
logp	2.274		Crippen Method
rinpol	1982.00		NIST Webbook
rinpol	1982.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367735&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.chemeo.com/cid/56-743-5/Silane-diphenylethoxy-3-oxobut-2-yloxy.pdf>

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