

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

Inchi: InChI=1S/C20H26O3Si/c1-16(2)15-22-24(23-18(4)17(3)21,19-11-7-5-8-12-19)20-13-9-6-
InchiKey: CBIVACCUTFWCTG-UHFFFAOYSA-N
Formula: C20H26O3Si
SMILES: CC(=O)C(C)O[Si](OCC(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 342.50

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.32		Crippen Method
logp	2.910		Crippen Method
rinpol	2084.00		NIST Webbook
rinpol	2084.00		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=U367737&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/53-546-7/Silane-diphenylisobutoxy-3-oxobut-2-yloxy.pdf>

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