

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

Inchi: InChI=1S/C22H30O3Si/c1-18(2)12-11-17-24-26(25-20(4)19(3)23,21-13-7-5-8-14-21)22-1
InchiKey: JWDABSIZCHTQQC-UHFFFAOYSA-N
Formula: C22H30O3Si
SMILES: CC(=O)C(C)O[Si](OCCCC(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 370.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.15		Crippen Method
logp	3.690		Crippen Method
rinpol	2275.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367738&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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.chemeo.com/cid/40-547-0/Silane-diphenylisohexyloxy-3-oxobut-2-yloxy.pdf>

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