

Silane, diphenyldi(3-methylbut-2-yloxy)-

Inchi: InChI=1S/C22H32O2Si/c1-17(2)19(5)23-25(24-20(6)18(3)4,21-13-9-7-10-14-21)22-15-11
InchiKey: ZGBRAOSLHQOARU-UHFFFAOYSA-N
Formula: C22H32O2Si
SMILES: CC(C)C(C)O[Si](OC(C)C(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 356.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.74		Crippen Method
logp	4.365		Crippen Method
rinpol	2041.00		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=U367655&Units=SI>

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/58-013-3/Silane-diphenyldi-3-methylbut-2-yloxy.pdf>

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