

Silane, diphenyl(3,3-dimethylbut-2-yloxy)isobutoxy-

Inchi: InChI=1S/C22H32O2Si/c1-18(2)17-23-25(20-13-9-7-10-14-20,21-15-11-8-12-16-21)24-1
InchiKey: PTDADPBKHFCEBMF-UHFFFAOYSA-N
Formula: C22H32O2Si
SMILES: CC(C)CO[Si](OC(C)C(C)(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 356.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.63		Crippen Method
logp	4.367		Crippen Method
rinsol	2040.00		NIST Webbook
rinsol	2040.00		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=U367673&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinsol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/62-246-0/Silane-diphenyl-3-3-dimethylbut-2-yloxy-isobutoxy.pdf>

Generated by Cheméo on 2024-04-28 02:44:52.502362639 +0000 UTC m=+16561541.422939950.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.