

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

Inchi: InChI=1S/C20H28O2Si/c1-5-20(17(3)4)22-23(21-6-2,18-13-9-7-10-14-18)19-15-11-8-12-
InchiKey: AQDBTEDKZGUOKK-UHFFFAOYSA-N
Formula: C20H28O2Si
SMILES: CCO[Si](OC(CC)C(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 328.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.04		Crippen Method
logp	3.731		Crippen Method
rinpol	1954.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367554&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/53-112-8/Silane-diphenylethoxy-2-methylpent-3-yloxy.pdf>

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