

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

Inchi: InChI=1S/C26H40O2Si/c1-6-7-8-9-10-17-22-27-29(24-18-13-11-14-19-24,25-20-15-12-1
InchiKey: ABDOHMQAJNUUKD-UHFFFAOYSA-N
Formula: C26H40O2Si
SMILES: CCCCCCCCCO[Si](OC(C)C(C)(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 412.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.55		Crippen Method
logp	6.071		Crippen Method
rinpol	2460.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367679&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
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

Latest version available from:

<https://www.chemeo.com/cid/36-402-5/Silane-diphenyl-3-3-dimethylbut-2-yloxy-octyloxy.pdf>

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