

Silane, diphenyl(dodec-9-yn-1-yloxy)ethoxy-

Inchi: InChI=1S/C26H36O2Si/c1-3-5-6-7-8-9-10-11-12-19-24-28-29(27-4-2,25-20-15-13-16-21-
InchiKey: TURDLCQYAGUAJI-UHFFFAOYSA-N
Formula: C26H36O2Si
SMILES: CCC#CCCCCCCCO[Si](OCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 408.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.47		Crippen Method
logp	5.440		Crippen Method
rinpol	2711.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367742&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

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/88-159-9/Silane-diphenyl-dodec-9-yn-1-yloxy-ethoxy.pdf>

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