

Silane, diphenylbutoxy(non-5-yn-3-yloxy)-

Inchi: InChI=1S/C25H34O2Si/c1-4-7-9-12-17-23(6-3)27-28(26-22-8-5-2,24-18-13-10-14-19-24)
InchiKey: QSFYAIJCSUKZED-UHFFFAOYSA-N
Formula: C25H34O2Si
SMILES: CCCC#CCC(CC)O[Si](OCCCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 394.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.16		Crippen Method
logp	5.049		Crippen Method
rinpol	2405.00		NIST Webbook
rinpol	2405.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367770&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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/54-427-8/Silane-diphenylbutoxy-non-5-yn-3-yloxy.pdf>

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