

Silane, diphenylbutoxy(hept-2-yloxy)-

Inchi: InChI=1S/C23H34O2Si/c1-4-6-10-15-21(3)25-26(24-20-7-5-2,22-16-11-8-12-17-22)23-18
InchiKey: BBYOGTUVGONMFM-UHFFFAOYSA-N
Formula: C23H34O2Si
SMILES: CCCCCC(C)O[Si](OCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 370.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.53		Crippen Method
logp	5.045		Crippen Method
rinpol	2214.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367625&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/41-747-7/Silane-diphenylbutoxy-hept-2-yloxy.pdf>

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