

Silane, diphenylbutoxy(4-heptyloxy)-

Inchi: InChI=1S/C23H34O2Si/c1-4-7-20-24-26(22-16-10-8-11-17-22,23-18-12-9-13-19-23)25-2
InchiKey: IUPGAXUZVFMTPA-UHFFFAOYSA-N
Formula: C23H34O2Si
SMILES: CCCCCO[Si](OC(CCC)CCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 370.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.53		Crippen Method
logp	5.045		Crippen Method
rinpol	2165.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367501&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/45-022-7/Silane-diphenylbutoxy-4-heptyloxy.pdf>

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