

Silane, diphenylbutoxy(8-chlorooctyloxy)-

Inchi: InChI=1S/C24H35ClO2Si/c1-2-3-21-26-28(23-16-10-8-11-17-23,24-18-12-9-13-19-24)27
InchiKey: KUIRDDSBSUTLKV-UHFFFAOYSA-N
Formula: C24H35ClO2Si
SMILES: CCCCCO[Si](OCCCCCCCCCl)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 419.07

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.99		Crippen Method
logp	5.656		Crippen Method
rinpol	2716.00		NIST Webbook
rinpol	2716.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367515&Units=SI>

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/55-652-7/Silane-diphenylbutoxy-8-chlorooctyloxy.pdf>

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