

Silane, diphenylethoxy(hept-2-yloxy)-

Inchi: InChI=1S/C21H30O2Si/c1-4-6-9-14-19(3)23-24(22-5-2,20-15-10-7-11-16-20)21-17-12-8-
InchiKey: NHZHTEVRBZGCAF-UHFFFAOYSA-N
Formula: C21H30O2Si
SMILES: CCCCCC(C)O[Si](OCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 342.55

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.70		Crippen Method
logp	4.265		Crippen Method
rinpol	2069.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367622&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/41-957-4/Silane-diphenylethoxy-hept-2-yloxy.pdf>

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