

Silane, diphenylethoxy(4-heptyloxy)-

Inchi: InChI=1S/C21H30O2Si/c1-4-13-19(14-5-2)23-24(22-6-3,20-15-9-7-10-16-20)21-17-11-8-
InchiKey: LKZYQEFSZQAQJK-UHFFFAOYSA-N
Formula: C21H30O2Si
SMILES: CCCC(CCC)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	2022.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367498&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/31-531-7/Silane-diphenylethoxy-4-heptyloxy.pdf>

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