

Silane, diphenyl(4-heptyloxy)pentyl-oxo-

Inchi: InChI=1S/C24H36O2Si/c1-4-7-14-21-25-27(23-17-10-8-11-18-23,24-19-12-9-13-20-24)2
InchiKey: WBQIEBBLIAAVFK-UHFFFAOYSA-N
Formula: C24H36O2Si
SMILES: CCCCCO[Si](OC(CCC)CCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 384.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.95		Crippen Method
logp	5.435		Crippen Method
rinpol	2253.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367502&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/42-796-2/Silane-diphenyl-4-heptyloxy-pentyl-oxo-.pdf>

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