Silane, diphenylheptyloxy(3-oxobut-2-yloxy)-

Inchi: InChI=1S/C23H32O3Si/c1-4-5-6-7-14-19-25-27(26-21(3)20(2)24,22-15-10-8-11-16-22)23
InchiKey: DOCYUJBGMHUPHZ-UHFFFAOYSA-N
Formula: C23H32O3Si
SMILES: CCCCCCCO[Si](OC(C)C(C)=O)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 384.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.81		Crippen Method
logp	4.224		Crippen Method
rinpol	2412.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U367739&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:
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