

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

Inchi: InChI=1S/C24H34O3Si/c1-4-5-6-7-8-15-20-26-28(27-22(3)21(2)25,23-16-11-9-12-17-23)
InchiKey: MFUQTBANEIULTJ-UHFFFAOYSA-N
Formula: C24H34O3Si
SMILES: CCCCCCO[Si](OC(C)C(C)=O)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 398.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.23		Crippen Method
logp	4.614		Crippen Method
rinpol	2510.00		NIST Webbook
rinpol	2510.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367740&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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:

<https://www.cheméo.com/cid/84-037-8/Silane-diphenyloctyloxy-3-oxobut-2-yloxy.pdf>

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