

Silane, diphenyl(2-ethoxyethoxy)octyloxy-

Inchi: InChI=1S/C24H36O3Si/c1-3-5-6-7-8-15-20-26-28(27-22-21-25-4-2,23-16-11-9-12-17-23)
InchiKey: AARNTPPXFBOQQG-UHFFFAOYSA-N
Formula: C₂₄H₃₆O₃Si
SMILES: CCCCCCCC[Si](OCCOCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 400.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.93		Crippen Method
logp	4.673		Crippen Method
rinpol	2500.00		NIST Webbook
rinpol	2500.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367665&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:

<https://www.chemeo.com/cid/36-585-3/Silane-diphenyl-2-ethoxyethoxy-octyloxy.pdf>

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