

Silane, diethyldecyloxy(2-phenylethoxy)-

Inchi: InChI=1S/C22H40O2Si/c1-4-7-8-9-10-11-12-16-20-23-25(5-2,6-3)24-21-19-22-17-14-13-
InchiKey: DYRAVMNPQVOANR-UHFFFAOYSA-N
Formula: C22H40O2Si
SMILES: CCCCCCCCCO[Si](CC)(CC)OCCc1ccccc1
Mol. weight [g/mol]: 364.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.94		Crippen Method
logp	6.885		Crippen Method
rinpol	2310.00		NIST Webbook
rinpol	2310.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363166&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

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/37-175-7/Silane-diethyldecyloxy-2-phenylethoxy.pdf>

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