

Silane, diethyldecyloxy(3-phenoxybenzyloxy)-

Inchi: InChI=1S/C27H42O3Si/c1-4-7-8-9-10-11-12-16-22-28-31(5-2,6-3)29-24-25-18-17-21-27(2-3)
InchiKey: PELCCIH XVW TYMJ-UHFFFAOYSA-N
Formula: C27H42O3Si
SMILES: CCCCCCCCCO[Si](CC)(CC)OCc1cccc(Oc2ccccc2)c1
Mol. weight [g/mol]: 442.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.65		Crippen Method
logp	8.635		Crippen Method
rinpol	2907.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363307&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/38-050-4/Silane-diethyldecyloxy-3-phenoxybenzyloxy.pdf>

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