

Silane, diethyl(3-phenoxybenzyloxy)undecyloxy-

Inchi: InChI=1S/C28H44O3Si/c1-4-7-8-9-10-11-12-13-17-23-29-32(5-2,6-3)30-25-26-19-18-22-
InchiKey: KXMJAYJCHNNTAV-UHFFFAOYSA-N
Formula: C28H44O3Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)OCc1ccc(Oc2ccccc2)c1
Mol. weight [g/mol]: 456.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.07		Crippen Method
logp	9.025		Crippen Method
rinpol	3018.00		NIST Webbook
rinpol	3018.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363308&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

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<https://www.cheméo.com/cid/98-194-9/Silane-diethyl-3-phenoxybenzyloxy-undecyloxy.pdf>

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