

Silane, diethyl(3-phenoxybenzyloxy)tridecyloxy-

Inchi: InChI=1S/C30H48O3Si/c1-4-7-8-9-10-11-12-13-14-15-19-25-31-34(5-2,6-3)32-27-28-21-
InchiKey: PIXOOLLNVBQJOM-UHFFFAOYSA-N
Formula: C30H48O3Si
SMILES: CCCCCCCCCCCCCO[Si](CC)(CC)OCc1cccc(Oc2ccccc2)c1
Mol. weight [g/mol]: 484.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.91		Crippen Method
logp	9.805		Crippen Method
rinsol	3219.00		NIST Webbook
rinsol	3219.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363310&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinsol: Non-polar retention indices

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