Silane, dimethyl(2,5-dimethylphenoxy)octadecyloxy-

Inchi: InChI=1S/C28H52O2Si/c1-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-24-29-31(4,5)3

InchiKey: UPWGBLIKRCMFLS-UHFFFAOYSA-N

Formula: C28H52O2Si

SMILES: CCCCCCCCCCCCCCCCCCO[Si](C)(C)Oc1cc(C)ccc1C

Mol. weight [g/mol]: 448.80

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.22		Crippen Method
logp	9.662		Crippen Method
rinpol	2863.00		NIST Webbook
rinpol	2863.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347303&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