Silane, dimethyl(4-phenylphenoxy)octyloxy-

Inchi: InChI=1S/C22H32O2Si/c1-4-5-6-7-8-12-19-23-25(2,3)24-22-17-15-21(16-18-22)20-13-10
InchiKey: AUUGZJQNPRAVQB-UHFFFAOYSA-N
Formula: C22H32O2Si
SMILES: CCCCCCCCO[Si](C)(C)Oc1ccc(-c2ccccc2)cc1
Mol. weight [g/mol]: 356.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.68		Crippen Method
logp	6.811		Crippen Method
rinpol	2488.00		NIST Webbook
rinpol	2488.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347491&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