Silane, dimethyl(4-methoxyphenoxy)dodecyloxy-

Inchi: InChI=1S/C21H38O3Si/c1-5-6-7-8-9-10-11-12-13-14-19-23-25(3,4)24-21-17-15-20(22-2)16-18-21/h15-18H,5-14,19H2,1-4H3

InchiKey: VFKPDMVSVKFPGQ-UHFFFAOYSA-N

Formula: C21H38O3Si

SMILES: CCCCCCCCCCCCO[Si](C)(C)Oc1ccc(OC)cc1

Mol. weight [g/mol]: 366.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.87		Crippen Method
logp	6.713		Crippen Method
rinpol	2373.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347150&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices