Silane, dimethyl(4-isopropoxyphenoxy)pentyloxy-

Inchi: InChI=1S/C16H28O3Si/c1-6-7-8-13-17-20(4,5)19-16-11-9-15(10-12-16)18-14(2)3/h9-12,

InchiKey: OFDDLSPXDPZCSM-UHFFFAOYSA-N

Formula: C16H28O3Si

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

Mol. weight [g/mol]: 296.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.89		Crippen Method
logp	4.761		Crippen Method
rinpol	1693.00		NIST Webbook
rinpol	1693.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347051&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