Silane, dimethyl(4-phenoxybenzyloxy)propoxy-

Inchi: InChI=1S/C18H24O3Si/c1-4-14-19-22(2,3)20-15-16-10-12-18(13-11-16)21-17-8-6-5-7-9-

InchiKey: PXMXVIANRRDFTI-UHFFFAOYSA-N

Formula: C18H24O3Si

SMILES: CCCO[Si](C)(C)OCc1ccc(Oc2ccccc2)cc1

Mol. weight [g/mol]: 316.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.89		Crippen Method
logp	5.124		Crippen Method
rinpol	2076.00		NIST Webbook
rinpol	2076.00		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=U347398&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

Latest version available from:

https://www.chemeo.com/cid/18-183-9/Silane-dimethyl-4-phenoxybenzyloxy-propoxy.pdf

Generated by Cheméo on 2024-10-12 09:40:41.18277695 +0000 UTC m=+3306903.819746199.

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.