

Silane, dimethyl(4-isopropoxyphenoxy)heptyloxy-

Inchi: InChI=1S/C18H32O3Si/c1-6-7-8-9-10-15-19-22(4,5)21-18-13-11-17(12-14-18)20-16(2)3/
InchiKey: JSLVAXLMVZFIF-UHFFFAOYSA-N
Formula: C18H32O3Si
SMILES: CCCCCCO[Si](C)(C)Oc1ccc(OC(C)C)cc1
Mol. weight [g/mol]: 324.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.73		Crippen Method
logp	5.541		Crippen Method
rinpol	1893.00		NIST Webbook
rinpol	1893.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347054&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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

Latest version available from:

<https://www.chemeo.com/cid/99-316-2/Silane-dimethyl-4-isopropoxyphenoxy-heptyloxy.pdf>

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