Silane, dimethyl(4-methoxybenzyloxy)isobutoxy-

Inchi: InChI=1S/C14H24O3Si/c1-12(2)10-16-18(4,5)17-11-13-6-8-14(15-3)9-7-13/h6-9,12H,10-

InchiKey: BIDBGQOBPXVFJR-UHFFFAOYSA-N

Formula: C14H24O3Si

SMILES: COc1ccc(CO[Si](C)(C)OCC(C)C)cc1

Mol. weight [g/mol]: 268.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.55		Crippen Method
logp	3.586		Crippen Method
rinpol	1663.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U346986&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

Latest version available from:

https://www.chemeo.com/cid/17-549-4/Silane-dimethyl-4-methoxybenzyloxy-isobutoxy.pdf

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