

Trimethyl-(1-methyl-2-phenoxy-ethoxy)silane

Inchi: InChI=1S/C12H20O2Si/c1-11(14-15(2,3)4)10-13-12-8-6-5-7-9-12/h5-9,11H,10H2,1-4H3
InchiKey: NQEJSJHMPARQBJ-UHFFFAOYSA-N
Formula: C12H20O2Si
SMILES: CC(COc1ccccc1)O[Si](C)(C)C
Mol. weight [g/mol]: 224.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.93		Crippen Method
logp	3.305		Crippen Method
rinpol	1351.00		NIST Webbook
rinpol	1380.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U378236&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/16-033-7/Trimethyl-1-methyl-2-phenoxy-ethoxy-silane.pdf>

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