

Silane, dimethyl(3-phenylprop-2-enyloxy)propoxy-

Inchi: InChI=1S/C14H22O2Si/c1-4-12-15-17(2,3)16-13-8-11-14-9-6-5-7-10-14/h5-11H,4,12-13H
InchiKey: XYMKOZUJDPQTHR-DHZHZOJOSA-N
Formula: C14H22O2Si
SMILES: CCCO[Si](C)(C)OCC=Cc1ccccc1
Mol. weight [g/mol]: 250.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.61		Crippen Method
logp	3.845		Crippen Method
rinpol	1648.00		NIST Webbook
rinpol	1648.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347980&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/123-379-5/Silane-dimethyl-3-phenylprop-2-enyloxy-propoxy.pdf>

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