

Silane, dimethyl(dimethyl(1-phenylpropoxy)silyloxy)(1-ph

Inchi: InChI=1S/C22H34O3Si2/c1-7-21(19-15-11-9-12-16-19)23-26(3,4)25-27(5,6)24-22(8-2)20
InchiKey: RMDIJAYFDDWXJA-UHFFFAOYSA-N
Formula: C22H34O3Si2
SMILES: CCC(O[Si](C)(C)O[Si](C)(C)OC(CC)c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 402.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.68		Crippen Method
logp	6.742		Crippen Method
rinpol	2079.00		NIST Webbook
rinpol	2079.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347286&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/113-491-1/Silane-dimethyl-dimethyl-1-phenylpropoxy-silyloxy-1-phenylpropoxy.pdf>

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