

Silane, dimethyl(dimethyl(3-phenylpro-2-enyloxy)silyloxy

Inchi: InChI=1S/C20H36O3Si2/c1-6-7-8-9-13-18-21-24(2,3)23-25(4,5)22-19-14-17-20-15-11-10
InchiKey: MYIPFKHVPBOCHA-SAPNQHFASA-N
Formula: C20H36O3Si2
SMILES: CCCCCCO[Si](C)(C)O[Si](C)(C)OCC=Cc1ccccc1
Mol. weight [g/mol]: 380.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.85		Crippen Method
logp	6.124		Crippen Method
rinpol	2144.00		NIST Webbook
rinpol	2144.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347990&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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