

Silane, diphenylethoxy(hex-2-yloxy)-

Inchi: InChI=1S/C20H28O2Si/c1-4-6-13-18(3)22-23(21-5-2,19-14-9-7-10-15-19)20-16-11-8-12-
InchiKey: YRFPHBUVPIKNDP-UHFFFAOYSA-N
Formula: C20H28O2Si
SMILES: CCCCC(C)O[Si](OCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 328.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.28		Crippen Method
logp	3.875		Crippen Method
rinpol	1977.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367689&Units=SI>

Legend

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

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<https://www.chemeo.com/cid/29-878-6/Silane-diphenylethoxy-hex-2-yloxy.pdf>

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