2-Diphenylethenylsilyloxybut-3-yne

Inchi:	InChI=1S/C18H18OSi/c1-4-16(3)19-20(5-2,17-12-8-6-9-13-17)18-14-10-7-11-15-18/h1,5-
InchiKey:	JZKROQWGQSWTDE-UHFFFAOYSA-N
Formula:	C18H18OSi
SMILES:	C#CC(C)O[Si](C=C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	278.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.51		Crippen Method
logp	2.510		Crippen Method
rinpol	1809.00		NIST Webbook
rinpol	1809.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U299559&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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

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