10H-Phenoxasilin, 10,10-dimethyl-

Other names:	Phenoxasilin, 10,10-dimethyl- 10,10-Dimethylphenoxasilin
Inchi:	InChI=1S/C14H14OSi/c1-16(2)13-9-5-3-7-11(13)15-12-8-4-6-10-14(12)16/h3-10H,1-2H3
InchiKey:	GGECHZFPEBUJGA-UHFFFAOYSA-N
Formula:	C14H14OSi
SMILES:	C[Si]1(C)c2ccccc2Oc2ccccc21
Mol. weight [g/mol]:	226.35
CAS:	18414-62-5

Physical Properties

Property code	Value	Unit	Source
ie	8.00 ± 0.10	eV	NIST Webbook
log10ws	-9.20		Crippen Method
logp	2.615		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18414625&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient