

# 10H-Phenoxasilin, 10,10-dimethyl-

<b>Other names:</b>	Phenoxasilin, 10,10-dimethyl- 10,10-Dimethylphenoxasilin
<b>Inchi:</b>	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
<b>InchiKey:</b>	GGECHZFPEBUJGA-UHFFFAOYSA-N
<b>Formula:</b>	C14H14OSi
<b>SMILES:</b>	C[Si]1(C)c2ccccc2Oc2ccccc21
<b>Mol. weight [g/mol]:</b>	226.35
<b>CAS:</b>	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

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C18414625&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C18414625&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

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

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