

# 1,2,4,5-Tetrakis(trimethylsilyl)benzene

<b>Other names:</b>	Silane,1,2,4,5-benzenetetrayltetrakis[trimethyl-
<b>Inchi:</b>	InChI=1S/C18H38Si4/c1-19(2,3)15-13-17(21(7,8)9)18(22(10,11)12)14-16(15)20(4,5)6/h1
<b>InchiKey:</b>	IKBMPVFDRAQKNI-UHFFFAOYSA-N
<b>Formula:</b>	C18H38Si4
<b>SMILES:</b>	C[Si](C)(C)c1cc([Si](C)(C)C)c([Si](C)(C)C)cc1[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	366.84
<b>CAS:</b>	17156-61-5

## Physical Properties

Property code	Value	Unit	Source
ie	8.30	eV	NIST Webbook
log10ws	-12.15		Crippen Method
logp	3.867		Crippen Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C17156615&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C17156615&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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<https://www.chemeo.com/cid/76-050-2/1-2-4-5-Tetrakis-trimethylsilyl-benzene.pdf>

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