

# Silabenzene,1-methyl-

<b>Other names:</b>	1-Methyl-1-silabenzene
<b>Inchi:</b>	InChI=1S/C6H8Si/c1-7-5-3-2-4-6-7/h2-6H,1H3
<b>InchiKey:</b>	RHJZFALAFLMQQW-UHFFFAOYSA-N
<b>Formula:</b>	C6H8Si
<b>SMILES:</b>	C[si]1cccc1
<b>Mol. weight [g/mol]:</b>	108.21
<b>CAS:</b>	63878-65-9

## Physical Properties

Property code	Value	Unit	Source
ie	7.70	eV	NIST Webbook
log10ws	-0.71		Crippen Method
logp	1.249		Crippen Method

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C63878659&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C63878659&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>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/25-510-7/Silabenzene-1-methyl.pdf>

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