

# 1H-Imidazole, 1-(trimethylsilyl)-

<b>Other names:</b>	Imidazole, 1-(trimethylsilyl)- (Trimethylsilyl)imidazole N-(Trimethylsilyl)imidazol N-(Trimethylsilyl)imidazole TSIM 1-(Trimethylsilyl)-1H-Imidazole 1-(Trimethylsilyl)imidazole 1-(Trimethylsilyl)imidazole Imidazole, N-(trimethylsilyl)- 1-Imidazolyltrimethylsilane Trimethylimidazosilane CT3600 NSC 139860
<b>Inchi:</b>	InChI=1S/C6H12N2Si/c1-9(2,3)8-5-4-7-6-8/h4-6H,1-3H3
<b>InchiKey:</b>	YKFRUJSEPGHZFJ-UHFFFAOYSA-N
<b>Formula:</b>	C6H12N2Si
<b>SMILES:</b>	C[Si](C)(C)n1ccnc1
<b>Mol. weight [g/mol]:</b>	140.26
<b>CAS:</b>	18156-74-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.43		Crippen Method
logp	1.566		Crippen Method
rinpol	1176.00		NIST Webbook

## Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	368.00	K	2.00	NIST Webbook

# Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C18156746&Units=SI>

# Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices  
**tbrp:** Boiling point at reduced pressure

Latest version available from:

<https://www.chemeo.com/cid/32-852-0/1H-Imidazole-1-trimethylsilyl.pdf>

Generated by Cheméo on 2024-05-01 07:50:27.51770114 +0000 UTC m=+16839076.438278455.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.