

# Ethanimidic acid, N-(trimethylsilyl)-, trimethylsilyl ester

<b>Other names:</b>	Acetimidic acid, N-(trimethylsilyl)-, trimethylsilyl ester Bis(trimethylsilyl)acetamide BSA N,O-Bis(trimethylsilyl)acetamide N-(Trimethylsilyl)acetimidic acid, trimethylsilyl ester Dynasytan BSA Trimethylsilyl N-(trimethylsilyl)ethanimidoate trimethylsilyl N-trimethylsilylacetamidate
<b>Inchi:</b>	InChI=1S/C8H21NOSi2/c1-8(9-11(2,3)4)10-12(5,6)7/h1-7H3
<b>InchiKey:</b>	SIOVKLKJSOKLIF-UHFFFAOYSA-N
<b>Formula:</b>	C8H21NOSi2
<b>SMILES:</b>	CC(=N[Si](C)(C)C)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	203.43
<b>CAS:</b>	10416-59-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.98		Crippen Method
logp	3.091		Crippen Method
rinpol	1008.00		NIST Webbook

## Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	345.50 ± 0.50	K	4.70	NIST Webbook
tbrp	340.60	K	4.00	NIST Webbook
tbrp	345.00 ± 1.00	K	4.70	NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C10416598&Units=SI>

**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)

## Legend

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

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