

# 1H-Indole-3-acetic acid, 5-methoxy-1-(trimethylsilyl)-, trimethylsilyl ester

Other names:

Indole-3-acetic acid, 5-methoxy, TMS

Inchi:

InChI=1S/C17H27NO3Si2/c1-20-14-8-9-16-15(11-14)13(12-18(16)22(2,3)4)10-17(19)21-

InchiKey:

FVDDEAKDRQGQLG-UHFFFAOYSA-N

Formula:

C17H27NO3Si2

SMILES:

COc1ccc2c(c1)c(CC(=O)O[Si](C)(C)C)cn2[Si](C)(C)C

Mol. weight [g/mol]:

349.57

CAS:

55887-55-3

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.71		Crippen Method
logp	4.253		Crippen Method
rinpola	2110.00		NIST Webbook
rinpola	2110.00		NIST Webbook

## Sources

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C55887553&Units=SI>

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method:

[https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

log10ws:

Log10 of Water solubility in mol/l

logp:

Octanol/Water partition coefficient

rinpola:

Non-polar retention indices

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<https://www.cheméo.com/cid/114-347-0/1H-Indole-3-acetic-acid-5-methoxy-1-trimethylsilyl-trimethylsilyl-ester.pdf>

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