

1H-Indole, 1-(trimethylsilyl)-3-[[trimethylsilyl]oxy]methyl]-

Other names: Indole-3-carbinol, N-trimethylsilyl-, trimethylsilyl ether

1-(Trimethylsilyl)-3-[[trimethylsilyl]oxy]methyl-1H-indole

Inchi: InChI=1S/C15H25NOSi2/c1-18(2,3)16-11-13(12-17-19(4,5)6)14-9-7-8-10-15(14)16/h7-11

InchiKey: RACUQLJSNMJBDR-UHFFFAOYSA-N

Formula: C15H25NOSi2

SMILES: C[Si](C)(C)OCc1cn([Si](C)(C)C)c2ccccc12

Mol. weight [g/mol]: 291.54

CAS: 74367-44-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.89		Crippen Method
logp	4.676		Crippen Method
rinpol	1809.80		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C74367445&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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