

2-Pyrimidinamine, 4,6-dimethyl-N-phenyl-N-trimethylsilyl-

Other names:	4,6-Dimethyl-N-phenyl-N-trimethylsilyl-2-pyrimidinamine N-Phenyl-N-trimethylsilyl-4,6-dimethyl-2-pyrimidinamine
Inchi:	InChI=1S/C15H21N3Si/c1-12-11-13(2)17-15(16-12)18(19(3,4)5)14-9-7-6-8-10-14/h6-11H
InchiKey:	HDMYKQQUKFPRLE-UHFFFAOYSA-N
Formula:	C15H21N3Si
SMILES:	<chem>Cc1cc(C)nc(N(c2ccccc2)[Si](C)(C)C)n1</chem>
Mol. weight [g/mol]:	271.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.55		Crippen Method
logp	4.066		Crippen Method
rinpol	1701.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U372998&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/47-134-1/2-Pyrimidinamine-4-6-dimethyl-N-phenyl-N-trimethylsilyl.pdf>

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