4-Pyrimidinamine, 5-methyl-N-(trimethylsilyl)-2-[(trimethylsilyl)oxy]-

Other names: Pyrimidine, 5-methyl-2-(trimethylsiloxy)-4-[(trimethylsilyl)amino]-
5-Methyl-N-(trimethylsilyl)-2-[(trimethylsilyl)oxy]-4-pyrimidinamine
5-Methylcytosine, (O,N-diTMS)-
Cytosine, 5-methyl, (O,N-diTMS)-
Pyrimidine, 4-amino-2-hydroxy-5-methyl, bis-TMS
5-methylcytosine, TMS
Cytosine, 5-methyl, TMS
Pyrimidine, 4-amino-2-hydroxy-5-methyl, TMS
5-Methylcytosine, 2tms derivative

Inchi: InChI=1S/C11H23N3OSi2/c1-9-8-12-11(15-17(5,6)7)13-10(9)14-16(2,3)4/h8H,1-7H3,(H,

InchiKey: MMERKIUBCROXJL-UHFFFAOYSA-N

Formula: C11H23N3OSi2

SMILES: Cc1cnc(O[Si](C)(C)C)nc1N[Si](C)(C)C

Mol. weight [g/mol]: 269.49

CAS: 32865-88-6

Physical Properties

Property code	Value	Unit	Source
log10ws	0.62		Crippen Method
logp	3.246		Crippen Method
rinpol	1537.00		NIST Webbook
rinpol	1533.00		NIST Webbook
rinpol	1533.00		NIST Webbook
rinpol	1537.00		NIST Webbook
rinpol	1536.30		NIST Webbook
rinpol	1537.00		NIST Webbook
rinpol	1538.00		NIST Webbook
rinpol	1533.00		NIST Webbook
rinpol	1546.00		NIST Webbook
rinpol	1544.00		NIST Webbook
rinpol	1544.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C32865886&Units=SI

Legend

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