

Pyrimidine, 5-methyl-2,4-bis[(trimethylsilyl)oxy]-

Other names: Pyrimidine, 5-methyl-2,4-bis(trimethylsiloxy)-

Bis(O-trimethylsilyl)thymine

2,4-Bis(trimethylsilyl)thymine

5-Methyl-2,4-bis(trimethylsiloxy)pyrimidine

5-Methyl-2,4-bis[(trimethylsilyl)oxy]pyrimidine

Pyrimidine, 2,4-dihydroxy-5-methyl, bis-TMS

Thymine, bis-TMS

Thymine, TMS

Pyrimidine, 2,4-dihydroxy-5-methyl, TMS

Inchi: InChI=1S/C11H22N2O2Si2/c1-9-8-12-11(15-17(5,6)7)13-10(9)14-16(2,3)4/h8H,1-7H3

InchiKey: DRNUNECHVNIYHQ-UHFFFAOYSA-N

Formula: C11H22N2O2Si2

SMILES: Cc1cnc(O[Si](C)(C)C)nc1O[Si](C)(C)C

Mol. weight [g/mol]: 270.48

CAS: 7288-28-0

Physical Properties

Property code	Value	Unit	Source
log10ws	0.51		Crippen Method
logp	3.212		Crippen Method
rinpol	1392.00		NIST Webbook
rinpol	1403.00		NIST Webbook
rinpol	1400.00		NIST Webbook
rinpol	1400.00		NIST Webbook
rinpol	1392.00		NIST Webbook
rinpol	1396.70		NIST Webbook
rinpol	1394.00		NIST Webbook
rinpol	1394.00		NIST Webbook
rinpol	1400.00		NIST Webbook
rinpol	1400.00		NIST Webbook
rinpol	1400.00		NIST Webbook
rinpol	1412.00		NIST Webbook
rinpol	1400.00		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=C7288280&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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