

4,6-Dihydroxypyrimidine, bis(trimethylsilyl) ether

Other names:	4,6-Dihydroxypyrimidine, 2tms derivative
Inchi:	InChI=1S/C10H20N2O2Si2/c1-15(2,3)13-9-7-10(12-8-11-9)14-16(4,5)6/h7-8H,1-6H3
InchiKey:	HZYRYIHXYMLGLI-UHFFFAOYSA-N
Formula:	C10H20N2O2Si2
SMILES:	C[Si](C)(C)Oc1cc(O[Si](C)(C)C)ncn1
Mol. weight [g/mol]:	256.45

Physical Properties

Property code	Value	Unit	Source
log10ws	0.98		Crippen Method
logp	2.904		Crippen Method
rinpol	1358.00		NIST Webbook
rinpol	1344.70		NIST Webbook
rinpol	1344.70		NIST Webbook
rinpol	1358.00		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=U352491&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/124-861-8/4-6-Dihydroxypyrimidine-bis-trimethylsilyl-ether.pdf>

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