5,6-Dihydrouracil, TMS

Other names:	Dihydrouracil, TMS
	Pyrimidine, 2,4-dihydroxy, 5,6-dihydro, TMS
Inchi:	InChI=1S/C10H22N2O2Si2/c1-15(2,3)13-9-7-8-11-10(12-9)14-16(4,5)6/h7-8H2,1-6H3
InchiKey:	UQRDMRMGOHTREY-UHFFFAOYSA-N
Formula:	C10H22N2O2Si2
SMILES:	C[Si](C)(C)OC1=NC(O[Si](C)(C)C)=NCC1
Mol. weight [g/mol]:	258.46

Physical Properties

Property code	Value	Unit	Source
log10ws	2.01		Crippen Method
logp	2.848		Crippen Method
rinpol	1463.00		NIST Webbook
rinpol	1467.00		NIST Webbook
rinpol	1467.00		NIST Webbook
rinpol	1474.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R93775&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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