5,6-Dimethyluracil, TMS

Inchi: InChI=1S/C12H26N2O2Si2/c1-9-10(2)13-12(16-18(6,7)8)14-11(9)15-17(3,4)5/h9-10H,1-8

InchiKey: FLSDHJVHSLIBKS-UHFFFAOYSA-N

Formula: C12H26N2O2Si2

SMILES: CC1N=C(O[Si](C)(C)C)N=C(O[Si](C)(C)C)C1C

Mol. weight [g/mol]: 286.52

Physical Properties

Property code	Value	Unit	Source
log10ws	1.30		Crippen Method
logp	3.482		Crippen Method
rinpol	1459.00		NIST Webbook
rinpol	1459.00		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=R93800&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices