5-Aminouracil, TMS

Inchi: InChI=1S/C13H29N3O2Si3/c1-19(2,3)16-11-10-14-13(18-21(7,8)9)15-12(11)17-20(4,5)6
InchiKey: IKGRWCAMDYPBGF-UHFFFAOYSA-N
Formula: C13H29N3O2Si3
SMILES: C[Si](C)(C)Nc1cnc(O[Si](C)(C)C)nc1O[Si](C)(C)C
Mol. weight [g/mol]: 343.64

Physical Properties

Property code	Value	Unit	Source
log10ws	2.08		Crippen Method
logp	4.151		Crippen Method
rinpol	1678.00		NIST Webbook
rinpol	1678.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R93814&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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