Cytidine, buto-oxime-TMS derivative

Inchi: InChI=1S/C24H52N4O5Si4/c1-14-15-18-29-26-24-25-19(27-34(2,3)4)16-17-28(24)22-20
InchiKey: QMGNWACADXMORO-BWWMBTDCSA-N
Formula: C24H52N4O5Si4
SMILES: CCCCON=c1nc(N[Si](C)(C)C)ccn1C1OC(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]: 589.04

Physical Properties

Property code	Value	Unit	Source
log10ws	2.32		Crippen Method
logp	5.909		Crippen Method
rinpol	2734.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R245724&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