Cytidine, etho-oxime-TMS derivative

Inchi: InChI=1S/C22H48N4O5Si4/c1-14-27-24-22-23-17(25-32(2,3)4)15-16-26(22)20-18(29-33
InchiKey: RNTKEVOGXFBPRB-TZWRJOPASA-N
Formula: C22H48N4O5Si4
SMILES: CCON=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]: 560.98

Physical Properties

Property code	Value	Unit	Source
log10ws	3.16		Crippen Method
logp	5.129		Crippen Method
rinpol	2545.00		NIST Webbook
rinpol	2545.00		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=R245744&Units=SI

Legend

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

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https://www.chemeo.com/cid/45-569-1/Cytidine-etho-oxime-TMS-derivative.pdf
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