

Cytidine, metho-oxime-TMS derivative

Inchi: InChI=1S/C21H46N4O5Si4/c1-26-23-21-22-16(24-31(2,3)4)14-15-25(21)19-17(28-32(5,6)3)20
InchiKey: PHNDOCHCDQAWDC-NTFDOXNWSA-N
Formula: C21H46N4O5Si4
SMILES: CON=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]: 546.96

Physical Properties

Property code	Value	Unit	Source
log10ws	3.58		Crippen Method
logp	4.739		Crippen Method
rinpol	2503.00		NIST Webbook
rinpol	2503.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R245759&Units=SI>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/30-132-1/Cytidine-metho-oxime-TMS-derivative.pdf>

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