

Cytidine, tetra(trimethylsilyl)-

Other names:	Cytosine riboside, TMS
Inchi:	InChI=1S/C21H45N3O5Si4/c1-30(2,3)23-17-13-14-24(21(25)22-17)20-19(29-33(10,11)1
InchiKey:	RPIMEOMXBWXYJS-UHFFFAOYSA-N
Formula:	C21H45N3O5Si4
SMILES:	C[Si](C)(C)Nc1ccn(C2OC(CO[Si](C)(C)C)C(O[Si](C)(C)C)C2O[Si](C)(C)C)c(=O)n1
Mol. weight [g/mol]:	531.94

Physical Properties

Property code	Value	Unit	Source
log10ws	3.97		Crippen Method
logp	4.679		Crippen Method
rinpola	2703.00		NIST Webbook
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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=U367440&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/122-980-8/Cytidine-tetra-trimethylsilyl.pdf>

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