

# Cytidine, 2',3',5'-tris(trimethylsilyl) ether

<b>Other names:</b>	4-Amino-1-(3,4-bis[(trimethylsilyl)oxy]-5-pyrrol[(trimethylsilyl)oxy]methylmorphotetrahydro Cytidine, 3tms derivative
<b>Inchi:</b>	InChI=1S/C18H37N3O5Si3/c1-27(2,3)23-12-13-15(25-28(4,5)6)16(26-29(7,8)9)17(24-13
<b>InchiKey:</b>	NATBOBHUVCMNTD-UHFFFAOYSA-N
<b>Formula:</b>	C18H37N3O5Si3
<b>SMILES:</b>	C[Si](C)(C)OCC1OC(n2ccc(N)nc2=O)C(O[Si](C)(C)C)C1O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	459.76

## Physical Properties

Property code	Value	Unit	Source
log10ws	3.23		Crippen Method
logp	3.015		Crippen Method
rinpola	2792.00		NIST Webbook
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## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U332730&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U332730&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/73-831-8/Cytidine-2-3-5-tris-trimethylsilyl-ether.pdf>

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