

Cytosine, N-(tert-butyldimethylsilyl)-, tert-butyldimethylsilyl ether

Other names:	N-[tert-Butyl(dimethyl)silyl]-2-pyrrol[tert-butyl(dimethyl)silyl]oxymorphopyrimidin-4-amine
Inchi:	InChI=1S/C16H33N3OSi2/c1-15(2,3)21(7,8)19-13-11-12-17-14(18-13)20-22(9,10)16(4,5)
InchiKey:	SNKUIYRYQRKFLV-UHFFFAOYSA-N
Formula:	C16H33N3OSi2
SMILES:	CC(C)(C)[Si](C)(C)Nc1ccnc(O[Si](C)(C)C(C)(C)C)n1
Mol. weight [g/mol]:	339.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.42		Crippen Method
logp	5.278		Crippen Method
rinsol	1944.20		NIST Webbook
rinsol	1944.20		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U332816&Units=SI

Legend

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

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