

Cytosine, trimethylsilyl ether

Other names:	2-[(Trimethylsilyl)oxy]pyrimidin-4-amine
Inchi:	InChI=1S/C7H13N3OSi/c1-12(2,3)11-7-9-5-4-6(8)10-7/h4-5H,1-3H3,(H2,8,9,10)
InchiKey:	IYNXGFXDGYCEIX-UHFFFAOYSA-N
Formula:	C7H13N3OSi
SMILES:	C[Si](C)(C)Oc1nccc(N)n1
Mol. weight [g/mol]:	183.28

Physical Properties

Property code	Value	Unit	Source
log10ws	0.36		Crippen Method
logp	1.272		Crippen Method
rinpol	1463.30		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=U332820&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/61-980-6/Cytosine-trimethylsilyl-ether.pdf>

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