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/ci990307l
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