6-Azathymine, bis(tert-butyldimethylsilyl) ether

Inchi: InChI=1S/C16H33N3O2Si2/c1-12-13(20-22(8,9)15(2,3)4)17-14(19-18-12)21-23(10,11)16

InchiKey: HUENFVZFWUSNTF-UHFFFAOYSA-N

Formula: C16H33N3O2Si2

SMILES: Cc1nnc(O[Si](C)(C)C(C)(C)C)nc1O[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 355.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.77		Crippen Method
logp	4.948		Crippen Method
rinpol	1918.00		NIST Webbook
rinpol	1918.00		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=U333805&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices