4,6-Bis([tert-butyl(dimethyl)silyl]oxy)pteridin-2-am

Other names: 4,6-Pteridinediol, 2-amino-, O,O-bis(tert-butyldimethylsilyl)-, ether
4,6-Bis{[tert-butyl(dimethyl)silyl]oxy}pteridin-2-amine
Inchi: InChI=1S/C18H33N5O2Si2/c1-17(2,3)26(7,8)24-12-11-20-14-13(21-12)15(23-16(19)22-1
InchiKey: OVSNPTZGEIUKOV-UHFFFAOYSA-N
Formula: C18H33N5O2Si2
SMILES: CC(C)(C)[Si](C)(C)Oc1cnc2nc(N)nc(O[Si](C)(C)C(C)(C)C)c2n1
Mol. weight [g/mol]: 407.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.50		Crippen Method
logp	4.770		Crippen Method
rinpol	2616.00		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=U373407&Units=SI

Legend

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

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