N,9-bis(Trimethylsilyl)-6-[(trimethylsilyl)oxy]-9H-p

Other names: guanine, TMS
Inchi: InChI=1S/C14H29N5OSi3/c1-21(2,3)18-14-16-12-11(13(17-14)20-23(7,8)9)15-10-19(12)
InchiKey: ZTKRDVGMYXNNJL-UHFFFAOYSA-N
Formula: C14H29N5OSi3
SMILES: C[Si](C)(C)Nc1nc(O[Si](C)(C)C)c2ncn([Si](C)(C)C)c2n1
Mol. weight [g/mol]: 367.67

Physical Properties

Property code	Value	Unit	Source
log10ws	1.18		Crippen Method
logp	3.970		Crippen Method
rinpol	2125.50		NIST Webbook
rinpol	2110.00		NIST Webbook
rinpol	2110.00		NIST Webbook
rinpol	2113.00		NIST Webbook
rinpol	2113.00		NIST Webbook
rinpol	2115.00		NIST Webbook
rinpol	2109.00		NIST Webbook
rinpol	2115.00		NIST Webbook
rinpol	2115.00		NIST Webbook
rinpol	2106.00		NIST Webbook
rinpol	2101.00		NIST Webbook
rinpol	2113.00		NIST Webbook
rinpol	2125.50		NIST Webbook
rinpol	2101.00		NIST Webbook
rinpol	2106.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U333943&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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