7,8-Dihydro-l-biopterin, pentakis(trimethylsilyl) derivative

Other names: 6-Pyrrol(1S,2R)-1,2-bis[(trimethylsilyl)oxy]propylmorpho-1,8-bis(trimethylsilyl)-2-[(trimethy
Inchi: InChI=1S/C24H53N5O3Si5/c1-18(31-36(11,12)13)21(32-37(14,15)16)19-17-28(34(5,6)7)
InchiKey: NMYXGVJRDGSRGA-UHFFFAOYSA-N
Formula: C24H53N5O3Si5
SMILES: CC(O[Si](C)(C)C)C(O[Si](C)(C)C)C1=Nc2c(n([Si](C)(C)C)c(N[Si](C)(C)C)nc2=O)N([Si](C
Mol. weight [g/mol]: 600.14

Physical Properties

Property code	Value	Unit	Source
log10ws	5.00		Crippen Method
logp	6.361		Crippen Method
rinpol	2411.40		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=U333807&Units=SI

Legend

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