3'-Deoxyguanosine, tris(trimethylsilyl) deriv.

Inchi: InChI=1S/C19H37N5O4Si3/c1-29(2,3)23-19-21-16-15(17(25)22-19)20-12-24(16)18-14(2
InchiKey: XGHMOVOECLPIPO-UHFFFAOYSA-N
Formula: C19H37N5O4Si3
SMILES: C[Si](C)(C)Nc1nc2c(ncn2C2OC(CO[Si](C)(C)C)CC2O[Si](C)(C)C)c(=O)[nH]1
Mol. weight [g/mol]: 483.78

Physical Properties

Property code	Value	Unit	Source
log10ws	1.68		Crippen Method
logp	3.244		Crippen Method
rinpol	2670.00		NIST Webbook
rinpol	2670.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U376188&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