Guanosine, N-trimethylsilyl-, 2',3',5'-tris(trimethylsilyl) ether

Other names: Guanosine, tetrakis(trimethylsilyl) deriv.
Inchi: InChI=1S/C22H45N5O5Si4/c1-33(2,3)26-22-24-19-16(20(28)25-22)23-14-27(19)21-18(3
InchiKey: SUIGGRSITCRSPI-UHFFFAOYSA-N
Formula: C22H45N5O5Si4
SMILES: C[Si](C)(C)Nc1nc2c(ncn2C2OC(CO[Si](C)(C)C)C(O[Si](C)(C)C)C2O[Si](C)(C)C)c(=O)[nH
Mol. weight [g/mol]: 571.97

Physical Properties

Property code	Value	Unit	Source
log10ws	3.18		Crippen Method
logp	4.074		Crippen Method
rinpol	2748.00		NIST Webbook
rinpol	2698.40		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U332740&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

Latest version available from:
https://www.chemeo.com/cid/48-649-9/Guanosine-N-trimethylsilyl-2-3-5-tris-trimethylsilyl-ether.pdf
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