guanosine, TMS

Inchi:	InChI=1S/C25H53N5O5Si5/c1-36(2,3)29-25-27-22-19(23(28-25)35-40(13,14)15)26-17-3
InchiKey:	WBZAZQAAZNLPHS-DDUQCEDZSA-N
Formula:	C25H53N5O5Si5
SMILES:	C[Si](C)(C)Nc1nc(O[Si](C)(C)C)c2ncn(C3OC(CO[Si](C)(C)C)C(O[Si](C)(C)C)C3O[Si](C)(
Mol. weight [g/mol]:	644.15

Physical Properties

Property code	Value	Unit	Source
log10ws	3.05		Crippen Method
logp	6.476		Crippen Method
rinpol	2802.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R485526&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

Latest version available from:

https://www.chemeo.com/cid/47-809-2/guanosine-TMS.pdf

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