9H-Purin-2-amine, N-(trimethylsilyl)-6-[(trimethylsilyl)oxy]-9-[2,3,5-tri

Other names: Guanosine, N,O,O,O,O-pentakis(trimethylsilyl)-

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-UMCMBGNQSA-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

CAS: 53294-38-5

Physical Properties

Property code	Value	Unit	Source
log10ws	3.05		Crippen Method
logp	6.476		Crippen Method
rinpol	2565.80		NIST Webbook
rinpol	2565.80		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C53294385&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

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