N-Acetyl-D-glucosamine, tetrakis(trimethylsilyl) ether, trimethylsilyloxime (isomer 2)

Inchi: InChI=1S/C23H56N2O6Si5/c1-19(26)25-20(17-24-31-36(14,15)16)22(29-34(8,9)10)23(3

InchiKey: JOYKPLWBFTXRRT-UHFFFAOYSA-N

Formula: C23H56N2O6Si5

SMILES: CC(=O)NC(C=NO[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(CO[Si](C)(C)C)O[Si](C)(

Mol. weight [g/mol]: 597.13

Physical Properties

Property code	Value	Unit	Source
log10ws	5.29		Crippen Method
logp	5.840		Crippen Method
rinpol	2145.60		NIST Webbook
rinpol	2145.60		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=U380408&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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https://www.chemeo.com/cid/67-734-3/N-Acetyl-D-glucosamine-tetrakis-trimethylsilyl-ether-trimethylsilyloxime-isome

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