N-Acetyl-D-glucosamine, tetrakis(trimethylsilyl) ether, methyloxime (syn)

Inchi: InChI=1S/C21H50N2O6Si4/c1-17(24)23-18(15-22-25-2)20(28-32(9,10)11)21(29-33(12,13

InchiKey: CKZSFVYLUTZEAC-UHFFFAOYSA-N

Formula: C21H50N2O6Si4

SMILES: CON=CC(NC(C)=O)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(CO[Si](C)(C)C)O[Si](C)(C)C

Mol. weight [g/mol]: 538.97

Physical Properties

Property code	Value	Unit	Source
log10ws	4.18		Crippen Method
logp	4.635		Crippen Method
rinpol	2067.50		NIST Webbook
rinpol	2067.50		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U380193&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