

Glucose, 2-amino-2-deoxy, tetrakis-TMS

Inchi: InChI=1S/C21H51NO5Si4/c1-28(2,3)14-23-13-17-19(24-15-29(4,5)6)20(25-16-30(7,8)9)
InchiKey: DJSYWGWWAHFOHR-UQVNRYPHBSA-N
Formula: C₂₁H₅₁NO₅Si₄
SMILES: C[Si](C)(C)COCC1OC(O[Si](C)(C)C)C(N)C(OC[Si](C)(C)C)C1OC[Si](C)(C)C
Mol. weight [g/mol]: 509.98

Physical Properties

Property code	Value	Unit	Source
log10ws	4.85		Crippen Method
logp	4.309		Crippen Method
rinpol	1906.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R573514&Units=SI>

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/63-075-9/Glucose-2-amino-2-deoxy-tetrakis-TMS.pdf>

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