

«beta»-D-Glucopyranoside, 2,3,4,6-tetrakis-(O-trimethylsilyl)-1-(trimethylsilyl)-

Inchi: InChI=1S/C30H57NO7Si5/c1-39(2,3)31-20-23(22-18-16-17-19-24(22)31)29(32)35-30-28
InchiKey: VNXBUDKQCXHSSI-NEOPOEGOSA-N
Formula: C30H57NO7Si5
SMILES: C[Si](C)(C)OCC1OC(OC(=O)c2cn([Si](C)(C)C)c3ccccc23)C(O[Si](C)(C)C)C(O[Si](C)(C)C)
Mol. weight [g/mol]: 684.20

Physical Properties

Property code	Value	Unit	Source
log10ws	2.44		Crippen Method
logp	7.718		Crippen Method
rinpol	3112.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R604103&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/81-545-7/beta-D-Glucopyranoside-2-3-4-6-tetrakis-O-trimethylsilyl-1-trimethylsilyl-1H-in>

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