

«beta»-Glucose, 1,6-anhydro, 3TMS

Inchi: InChI=1S/C16H36O5Si3/c1-22(2,3)19-14-12-10-17-11-13(18-12)15(20-23(4,5)6)16(14)2
InchiKey: JNKHICIQOOATQY-HUSMAVQQSA-N
Formula: C16H36O5Si3
SMILES: C[Si](C)(C)OC1C2COCC(O2)C(O[Si](C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]: 392.71

Physical Properties

Property code	Value	Unit	Source
log10ws	3.54		Crippen Method
logp	3.444		Crippen Method
rinpol	1700.00		NIST Webbook
rinpol	1700.00		NIST Webbook

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=R634223&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/125-078-7/beta-Glucose-1-6-anhydro-3TMS.pdf>

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