

Maltulose-2, TMS («beta»-pyranose)

Inchi: InChI=1S/C38H92O12Si9/c1-51(2,3)39-28-38(50-59(25,26)27)34(47-56(16,17)18)30(33)
InchiKey: LQOPGNDLDFNFQEW-XPUHEFDISA-N
Formula: C38H92O12Si9
SMILES: C[Si](C)(C)OCC1(O[Si](C)(C)C)OC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(OC2OC(O[Si](C)(C)C)C)C2O
Mol. weight [g/mol]: 993.90

Physical Properties

Property code	Value	Unit	Source
log10ws	9.88		Crippen Method
logp	10.613		Crippen Method
rinsol	2774.00		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=R68106&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
rinsol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/49-635-3/Maltulose-2-TMS-beta-pyranose.pdf>

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