

Threhalose, 8TMS

Inchi: InChI=1S/C36H86O11Si8/c1-48(2,3)37-25-27-29(42-50(7,8)9)31(44-52(13,14)15)33(46-50)28-35-36
InchiKey: YQFZNYCPHIXROS-XPMTUQOHS-A-N
Formula: C₃₆H₈₆O₁₁Si₈
SMILES: C[Si](C)(C)OCC1OC(OC2OC(CO[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C2O[Si](C)(C)C
Mol. weight [g/mol]: 919.75

Physical Properties

Property code	Value	Unit	Source
log10ws	8.84		Crippen Method
logp	9.476		Crippen Method
rinpol	2749.00		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=R606174&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/71-457-6/Threhalose-8TMS.pdf>

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