D-(+)-Turanose, octakis(trimethylsilyl) ether, methyloxime (isomer 1)

Inchi: InChI=1S/C37H89NO11Si8/c1-39-38-29(26-40-50(2,3)4)32(34(47-55(17,18)19)31(45-53

InchiKey: GHLBZCVNTDKTAN-UHFFFAOYSA-N

Formula: C37H89NO11Si8

SMILES: CON=C(CO[Si](C)(C)C)C(OC1OC(CO[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[S

Mol. weight [g/mol]: 948.79

Physical Properties

Property code	Value	Unit	Source
log10ws	8.88		Crippen Method
logp	9.754		Crippen Method
rinpol	2724.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U380105&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/14-961-9/D-Turanose-octakis-trimethylsilyl-ether-methyloxime-isomer-1.pdf

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