

«beta»-D(-)-Erythrose, TMS

Inchi: InChI=1S/C13H32O4Si3/c1-18(2,3)15-11-10-14-13(17-20(7,8)9)12(11)16-19(4,5)6/h11-1
InchiKey: VZNHGEZKVDSQOS-UPJWGTAASA-N
Formula: C13H32O4Si3
SMILES: C[Si](C)(C)OC1COC(O[Si](C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]: 336.65

Physical Properties

Property code	Value	Unit	Source
log10ws	3.51		Crippen Method
logp	3.634		Crippen Method
rinpol	1443.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R440974&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/12-143-9/beta-D-Erythrose-TMS.pdf>

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