D-Arabinopyranose, tetrakis(trimethylsilyl) ether (isomer 2)

Inchi: InChI=1S/C17H42O5Si4/c1-23(2,3)19-14-13-18-17(22-26(10,11)12)16(21-25(7,8)9)15(14

InchiKey: KEOUSSOURMHEKN-UHFFFAOYSA-N

Formula: C17H42O5Si4

SMILES: C[Si](C)(C)OC1COC(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C

Mol. weight [g/mol]: 438.85

Physical Properties

Property code	Value	Unit	Source
log10ws	4.58		Crippen Method
logp	4.854		Crippen Method
rinpol	1636.50		NIST Webbook
rinpol	1636.50		NIST Webbook

Sources

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

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U380136&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices