«beta»-L(+)-Arabinose, furanose, TMS

Inchi: InChI=1S/C16H40O5Si4/c1-22(2,3)18-13-14(19-23(4,5)6)16(21-25(10,11)12)17-15(13)20
InchiKey: MXZIJSMLEIGPCN-FPCVCCKLSA-N
Formula: C16H40O5Si4
SMILES: C[Si](C)(C)OC1OC(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]: 424.83

Physical Properties

Property code	Value	Unit	Source
log10ws	4.51		Crippen Method
logp	4.812		Crippen Method
rinpol	1674.00		NIST Webbook
rinpol	1674.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R441066&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices