2-Deoxyribose, MO-TMS

Inchi: InChI=1S/C17H43NO4Si4/c1-23(2,3)19-15-17(21-25(7,8)9)16(20-24(4,5)6)13-14-18-22-2
InchiKey: FVEQTMJADYPZPG-NIIBVUOVSA-N
Formula: C17H43NO4Si4
SMILES: C[Si](C)(C)OCC(O[Si](C)(C)C)C(CC=NO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 437.87

Physical Properties

Property code	Value	Unit	Source
log10ws	4.13		Crippen Method
logp	5.505		Crippen Method
rinpol	1570.00		NIST Webbook
rinpol	1570.00		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=R529938&Units=SI

Legend

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