

2-deoxyribose, TMS

Inchi: InChI=1S/C17H44O4Si4/c1-22(2,3)18-14-13-16(20-24(7,8)9)17(21-25(10,11)12)15-19-20
InchiKey: HXWBUBLOJVCQEO-UHFFFAOYSA-N
Formula: C17H44O4Si4
SMILES: C[Si](C)(C)OCCC(O[Si](C)(C)C)C(CO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 424.87

Physical Properties

Property code	Value	Unit	Source
log10ws	4.28		Crippen Method
logp	5.520		Crippen Method
rinpol	1615.30		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R488852&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/29-152-1/2-deoxyribose-TMS.pdf>

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