

«alpha»-L(+)-Rhamnose, pyranose, TMS

Inchi: InChI=1S/C18H44O5Si4/c1-14-15(20-24(2,3)4)16(21-25(5,6)7)17(22-26(8,9)10)18(19-14)
InchiKey: QQOFWFQBJUGLLJ-QXDIGNSFSA-N
Formula: C18H44O5Si4
SMILES: CC1OC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]: 452.88

Physical Properties

Property code	Value	Unit	Source
log10ws	4.05		Crippen Method
logp	5.243		Crippen Method
rinpol	1658.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R440805&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/18-142-4/alpha-L-Rhamnose-pyranose-TMS.pdf>

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