

«alpha»-L-(-)-Fucopyranose, tetrakis(trimethylsilyl) ether

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-UHFFFAOYSA-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
logp	5.243		Crippen Method
rinpol	1658.60		NIST Webbook
rinpol	1658.60		NIST Webbook

Sources

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U380201&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

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

Cheméo Relay (1.0):

Legend

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/51-786-3/alpha-L-Fucopyranose-tetrakis-trimethylsilyl-ether.pdf>

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