

L-(-)-Fucose, tetrakis(trimethylsilyl) ether, trimethylsilyloxime (isomer 1)

Inchi: InChI=1S/C21H53NO5Si5/c1-18(23-28(2,3)4)20(25-30(8,9)10)21(26-31(11,12)13)19(24-
InchiKey: ZUYWEDLNBOREDE-UHFFFAOYSA-N
Formula: C21H53NO5Si5
SMILES: CC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C=NO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 540.08

Physical Properties

Property code	Value	Unit	Source
log10ws	5.09		Crippen Method
logp	6.724		Crippen Method
rinpol	1813.40		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U380390&Units=SI>

Legend

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

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