

L-(-)-Fucose, tetrakis(trimethylsilyl) ether, benzyloxime

Inchi: InChI=1S/C25H51NO5Si4/c1-21(28-32(2,3)4)24(30-34(8,9)10)25(31-35(11,12)13)23(29-
InchiKey: PTKGVKJVMQEDBT-UHFFFAOYSA-N
Formula: C25H51NO5Si4
SMILES: CC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C=NOCc1ccccc1)O[Si](C)(C)C
Mol. weight [g/mol]: 558.02

Physical Properties

Property code	Value	Unit	Source
log10ws	1.87		Crippen Method
logp	7.089		Crippen Method
rinpol	2262.30		NIST Webbook
rinpol	2262.30		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U380070&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/119-749-9/L-Fucose-tetrakis-trimethylsilyl-ether-benzyloxime.pdf>

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