

L-(+)-Rhamnose, tetrakis(trimethylsilyl) ether, trimethylsilyloxime (isomer 2)

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	1821.50		NIST Webbook
rinpol	1821.50		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U380395&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

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/70-126-4/L-Rhamnose-tetrakis-trimethylsilyl-ether-trimethylsilyloxime-isomer-2.pdf>

Generated by Cheméo on 2024-04-27 05:43:56.52077447 +0000 UTC m=+16485885.441351782.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.