

L-(+)-Rhamnose, tetrakis(trimethylsilyl) ether, benzyloxime (isomer 1)

Inchi: InChI=1S/C25H51NO5Si4/c1-21(28-32(2,3)4)24(30-34(8,9)10)25(31-35(11,12)13)23(29-30)14-15-16-17-18-19-20
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	2241.10		NIST Webbook
rinpol	2241.10		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U380364&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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/114-789-0/L-Rhamnose-tetrakis-trimethylsilyl-ether-benzyloxime-isomer-1.pdf>

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