

D-(-)-Erythrose, tris(trimethylsilyl) ether, trimethylsilyloxime (isomer 1)

Inchi: InChI=1S/C16H41NO4Si4/c1-22(2,3)18-14-16(20-24(7,8)9)15(19-23(4,5)6)13-17-21-25(10,11,12)
InchiKey: HMXNXISWLOINBS-UHFFFAOYSA-N
Formula: C₁₆H₄₁NO₄Si₄
SMILES: C[Si](C)(C)OCC(O[Si](C)(C)C)C(C=NO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 423.84

Physical Properties

Property code	Value	Unit	Source
log10ws	4.55		Crippen Method
logp	5.115		Crippen Method
rinpol	1535.70		NIST Webbook
rinpol	1535.70		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U380406&Units=SI>

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/123-262-4/D-Erythrose-tris-trimethylsilyl-ether-trimethylsilyloxime-isomer-1.pdf>

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