

D-(-)-Tagatose, pentakis(trimethylsilyl) ether, trimethylsilyloxime (isomer 1)

Inchi: InChI=1S/C24H61NO6Si6/c1-32(2,3)26-19-21(25-31-37(16,17)18)23(29-35(10,11)12)24
InchiKey: OVCIZAXVEJHHND-UHFFFAOYSA-N
Formula: C₂₄H₆₁NO₆Si₆
SMILES: C[Si](C)(C)OCC(=NO[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(CO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 628.26

Physical Properties

Property code	Value	Unit	Source
log10ws	6.81		Crippen Method
logp	7.557		Crippen Method
rinpol	1904.50		NIST Webbook
rinpol	1904.50		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U380387&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/70-968-0/D-Tagatose-pentakis-trimethylsilyl-ether-trimethylsilyloxime-isomer-1.pdf>

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