D-(+)-Galactose, pentakis(trimethylsilyl) ether, trimethylsilyloxime (isomer 1)

Inchi: InChI=1S/C24H61NO6Si6/c1-32(2,3)26-20-22(28-34(7,8)9)24(30-36(13,14)15)23(29-35(

InchiKey: VHAWQMKIXQYXHC-UHFFFAOYSA-N

Formula: C24H61NO6Si6

SMILES: C[Si](C)(C)OCC(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](

Mol. weight [g/mol]: 628.26

Physical Properties

Property code	Value	Unit	Source
log10ws	6.70		Crippen Method
logp	7.556		Crippen Method
rinpol	1970.30		NIST Webbook
rinpol	1970.30		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U380411&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.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.chemeo.com/cid/49-148-4/D-Galactose-pentakis-trimethylsilyl-ether-trimethylsilyloxime-isomer-1.pdf

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