

# 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:** C<sub>24</sub>H<sub>61</sub>NO<sub>6</sub>Si<sub>6</sub>  
**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](C)(C)C  
**Mol. weight [g/mol]:** 628.26

## Physical Properties

Property code	Value	Unit	Source
log10ws	6.70		Crippen Method
logp	7.556		Crippen Method
rinsol	1970.30		NIST Webbook
rinsol	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/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinsol:** Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/49-148-4/D-Galactose-pentakis-trimethylsilyl-ether-trimethylsilyloxime-isomer-1.pdf>

Generated by Cheméo on 2024-04-24 21:08:02.097410812 +0000 UTC m=+16282131.017988163.

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