

2,5-Anhydromannitol, furanose, TMS

Inchi: InChI=1S/C18H44O5Si4/c1-24(2,3)19-13-15-17(22-26(7,8)9)18(23-27(10,11)12)16(21-15)
InchiKey: YZGMJBIESLNGPO-XSLAGTTESA-N
Formula: C18H44O5Si4
SMILES: C[Si](C)(C)OCC1OC(CO[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]: 452.88

Physical Properties

Property code	Value	Unit	Source
log10ws	4.66		Crippen Method
logp	4.897		Crippen Method
rinpol	1754.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R441115&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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/31-024-0/2-5-Anhydromannitol-furanose-TMS.pdf>

Generated by Cheméo on 2024-04-25 06:58:58.262122737 +0000 UTC m=+16317587.182700052.

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