

Mannosan, pyranose, TMS

Inchi: InChI=1S/C15H34O5Si3/c1-21(2,3)18-12-11-10-16-15(17-11)14(20-23(7,8)9)13(12)19-2
InchiKey: OEPKLYQQZLBNKR-AHDPXTMNSA-N
Formula: C15H34O5Si3
SMILES: C[Si](C)(C)OC1C2COC(O2)C(O[Si](C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]: 378.68

Physical Properties

Property code	Value	Unit	Source
log10ws	3.47		Crippen Method
logp	3.402		Crippen Method
rinpol	1702.00		NIST Webbook
rinpol	1702.00		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=R441477&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/24-440-6/Mannosan-pyranose-TMS.pdf>

Generated by Cheméo on 2024-04-29 20:21:38.681285973 +0000 UTC m=+16711347.601863295.

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