

L(-)-Sorbose, aldol, TMS

Inchi: InChI=1S/C21H52O6Si5/c1-28(2,3)23-17-19(25-30(7,8)9)21(27-32(13,14)15)20(26-31(10,11)12)22-16-18-4-5-6-3
InchiKey: PPTMWEDTYQRQBC-IWORHSITSA-N
Formula: C₂₁H₅₂O₆Si₅
SMILES: C[Si](C)(C)OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C=O)O[Si](C)(C)C
Mol. weight [g/mol]: 541.06

Physical Properties

Property code	Value	Unit	Source
log10ws	5.97		Crippen Method
logp	5.917		Crippen Method
rinpol	1924.00		NIST Webbook
rinpol	1924.00		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=R441437&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/68-937-7/L-Sorbose-aldol-TMS.pdf>

Generated by Cheméo on 2024-04-19 00:15:31.839978926 +0000 UTC m=+15774980.760556239.

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