

A-Ribofuranose, TMS

Other names: «alpha»-Ribose, TMS
Inchi: InChI=1S/C17H42O5Si4/c1-23(2,3)18-13-14-15(20-24(4,5)6)16(21-25(7,8)9)17(19-14)22
InchiKey: LDFPXMNJVPETIY-QAETUUGQSA-N
Formula: C17H42O5Si4
SMILES: C[Si](C)(C)OC1COC(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]: 438.85

Physical Properties

Property code	Value	Unit	Source
log10ws	4.58		Crippen Method
logp	4.854		Crippen Method
rinpol	1626.00		NIST Webbook
rinpol	1669.00		NIST Webbook
rinpol	1626.00		NIST Webbook
ripol	1528.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R119521&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
ripol: Polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/30-376-1/A-Ribofuranose-TMS.pdf>

Generated by Cheméo on 2024-04-19 16:45:30.217712608 +0000 UTC m=+15834379.138289923.

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