

«alpha»-Rhamnose, TMS

Inchi: InChI=1S/C18H44O5Si4/c1-14-15(20-24(2,3)4)16(21-25(5,6)7)17(22-26(8,9)10)18(19-14)
InchiKey: QQOFWFQBJUGLLJ-ZBRFXRBCSA-N
Formula: C18H44O5Si4
SMILES: CC1OC(O[Si](C)(C)C)C(O[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	4.05		Crippen Method
logp	5.243		Crippen Method
rinpol	1642.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R154331&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.cheméo.com/cid/47-200-7/alpha-Rhamnose-TMS.pdf>

Generated by Cheméo on 2024-05-01 05:19:47.009875153 +0000 UTC m=+16830035.930452475.

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