«alpha»-D(-)-Tagatose, pyranose, TMS

Inchi: InChI=1S/C18H44O5Si4/c1-24(2,3)20-14-15-17(22-26(7,8)9)18(23-27(10,11)12)16(13-19
InchiKey: BKZSHWBRUJTUIK-XLAORIBOSA-N
Formula: C18H44O5Si4
SMILES: C[Si](C)(C)OCC1OCC(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
logp	4.897		Crippen Method
rinpol	1864.00		NIST Webbook
rinpol	1864.00		NIST Webbook

Sources

Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R440756&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):

Legend

logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices