«beta»-D-Methylglucopyranoside, TMS

Inchi: InChI=1S/C19H46O6Si4/c1-20-19-18(25-29(11,12)13)17(24-28(8,9)10)16(23-27(5,6)7)15
InchiKey: UIDVFSCIFIMDHO-OYSTVDSJSA-N
Formula: C19H46O6Si4
SMILES: COC1OC(CO[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]: 482.91

Physical Properties

Property code	Value	Unit	Source
logp	4.869		Crippen Method
rinpol	2056.00		NIST Webbook
rinpol	2056.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R638205&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):
Cheméo Relay (1.0, beta):

Legend

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