RHAMNOSE (MEOX 4TMS)-1

Other names: Rhamnose, MO-TMS, I
Inchi: InChI=1S/C19H47NO5Si4/c1-16(22-26(3,4)5)18(24-28(9,10)11)19(25-29(12,13)14)17(15
InchiKey: SXUVIFIZLGMRBJ-NCXUSEDFSA-N
Formula: C19H47NO5Si4
SMILES: CON=CC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C)O[Si](C)(C)C
Mol. weight [g/mol]: 481.92

Physical Properties

Property code	Value	Unit	Source
log10ws	3.98		Crippen Method
logp	5.519		Crippen Method
rinpol	1714.30		NIST Webbook
rinpol	1750.00		NIST Webbook
rinpol	1755.00		NIST Webbook
rinpol	1750.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R414752&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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