Melezitose, 11TMS

Inchi: InChI=1S/C51H120O16Si11/c1-68(2,3)52-34-38-41(61-72(13,14)15)44(64-75(22,23)24)4
InchiKey: XGLGJEYXDSXZPD-KQJPMKKJSA-N
Formula: C51H120O16Si11
SMILES: C[Si](C)(C)OCC1OC(OC2C(O[Si](C)(C)C)C(CO[Si](C)(C)C)OC2(CO[Si](C)(C)C)OC2OC
Mol. weight [g/mol]: 1298.43

Physical Properties

Property code	Value	Unit	Source
log10ws	12.14		Crippen Method
logp	12.880		Crippen Method
rinpol	3476.00		NIST Webbook
rinpol	3476.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R605973&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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