«beta»-Gentobiose TMS

Other names: Gentobiose MO-TMS, major product
Inchi: InChI=1S/C36H86O11Si8/c1-48(2,3)38-26-28-30(42-50(7,8)9)31(43-51(10,11)12)33(45-5
InchiKey: SWPQHIFGBMZXPV-LQAYEPCXSA-N
Formula: C36H86O11Si8
SMILES: C[Si](C)(C)OCC1OC(OCC2OC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C2O[Si](C)
Mol. weight [g/mol]: 919.75

Physical Properties

Property code	Value	Unit	Source
logp	9.476		Crippen Method
rinpol	2925.00		NIST Webbook
rinpol	2925.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R24613&Units=SI

Legend

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