Palatinose, TMS

Inchi: InChI=1S/C33H78O9Si7/c1-43(2,3)23-22-25-27(37-44(4,5)6)29(39-46(10,11)12)31(41-48
InchiKey: SXJKUVUWBRYXDZ-ZZBXFURVSA-N
Formula: C33H78O9Si7
SMILES: C[Si](C)(C)CCC1OC(OCC2OC(O[Si](C)(C)C)C(O[Si](C)(C)C)C2O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)
Mol. weight [g/mol]: 815.57

Physical Properties

Property code	Value	Unit	Source
log10ws	7.02		Crippen Method
logp	9.133		Crippen Method
rinpol	2831.00		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=R441482&Units=SI

Legend

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