«alpha»-Epilactose, TMS

Inchi:	InChI=1S/C36H86O11Si8/c1-48(2,3)37-25-27-29(31(43-51(10,11)12)34(46-54(19,20)21)
InchiKey:	QJZFVYJIGWEKIR-IHBPBTKNSA-N
Formula:	C36H86O11Si8
SMILES:	C[Si](C)(C)OCC1OC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C1OC1OC(CO[Si](C)
Mol. weight [g/mol]:	919.75

Physical Properties

Property code	Value	Unit	Source
log10ws	8.84		Crippen Method
logp	9.476		Crippen Method
rinpol	2627.00		NIST Webbook
rinpol	2627.00		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=R67841&Units=SI

Legend

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

Latest version available from:
https://www.chemeo.com/cid/35-930-0/alpha-Epilactose-TMS.pdf
Generated by Cheméo on 2024-04-23 16:47:32.029245617 +0000 UTC m=+16180100.949822932.
Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.