TURANOSE 8TMS-1

Inchi:	InChI=1S/C35H84O11Si8/c1-47(2,3)37-26-35(46-54(22,23)24)32(28(41-49(7,8)9)27(25-3
InchiKey:	ZMELOKMZTFECOA-XCFDEIDRSA-N
Formula:	C35H84O11Si8
SMILES:	C[Si](C)(C)OCC1(O[Si](C)(C)C)OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C1OC1OC(O[Si](C)(C
Mol. weight [g/mol]:	905.72

Physical Properties

Property code	Value	Unit	Source
log10ws	8.88		Crippen Method
logp	9.435		Crippen Method
rinpol	2737.00		NIST Webbook
rinpol	2737.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R514788&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

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