MALTOTRIOSE 11TMS-1

Inchi:	InChI=1S/C51H120O16Si11/c1-68(2,3)53-35-39-42(58-51-49(67-78(31,32)33)47(65-76(2
InchiKey:	MIOZSARFNKRSCR-CEQXMGHCSA-N
Formula:	C51H120O16Si11
SMILES:	C[Si](C)(C)OCC(O[Si](C)(C)C)C(OC1OC(CO[Si](C)(C)C)C(OC2OC(CO[Si](C)(C)C)C(O[S
Mol. weight [g/mol]:	1298.43

Physical Properties

Property code	Value	Unit	Source
log10ws	12.33		Crippen Method
logp	12.721		Crippen Method
rinpol	3372.00		NIST Webbook
rinpol	3372.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R439197&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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