Saccharic acid, TMS # 2

Inchi:	InChI=1S/C24H58O8Si6/c1-33(2,3)27-19(21(29-35(7,8)9)23(25)31-37(13,14)15)20(28-34
InchiKey:	AFNUGMFTFWKGLV-YSFYHYPLSA-N
Formula:	C24H58O8Si6
SMILES:	C[Si](C)(C)OC(=O)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(=O
Mol. weight [g/mol]:	643.23

Physical Properties

Property code	Value	Unit	Source
log10ws	7.30		Crippen Method
logp	6.623		Crippen Method
rinpol	2006.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R401508&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

Latest version available from:

https://www.chemeo.com/cid/69-745-9/Saccharic-acid-TMS-2.pdf

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