Maltose, MEOX-8TMS

Inchi:	InChI=1S/C37H89NO11Si8/c1-39-38-26-29(44-52(8,9)10)33(46-54(14,15)16)32(31(45-5
InchiKey:	KNAZTEWBFRPMHZ-MWZUMJCISA-N
Formula:	C37H89NO11Si8
SMILES:	CON=CC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(OC1OC(CO[Si](C)(C)C)C(O[Si](C)(C)C)C(O[S
Mol. weight [g/mol]:	948.79

Physical Properties

Property code	Value	Unit	Source
log10ws	8.77		Crippen Method
logp	9.752		Crippen Method
rinpol	2768.00		NIST Webbook
rinpol	2768.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R605928&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/76-967-5/Maltose-MEOX-8TMS.pdf
Generated by Cheméo on 2024-04-23 10:33:49.284183715 +0000 UTC m=+16157678.204761026.
Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.