«alpha»-D(+)-Melibiose, TMS

Inchi:	InChI=1S/C37H88O11Si8/c1-37(48-56(23,24)25)34(46-54(17,18)19)31(43-51(8,9)10)28(
InchiKey:	ZVCOBXVFVVGFAW-UFJDRVLHSA-N
Formula:	C37H88O11Si8
SMILES:	CC1(O[Si](C)(C)C)C(O[Si](C)(C)C)OC(COC2OC(CO[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](
Mol. weight [g/mol]:	933.77

Physical Properties

Property code	Value	Unit	Source
log10ws	8.42		Crippen Method
logp	9.866		Crippen Method
rinpol	2933.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R440672&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/26-126-3/alpha-D-Melibiose-TMS.pdf

Generated by Cheméo on 2024-04-30 06:59:19.351088816 +0000 UTC m=+16749608.271666131.

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.