

Planteose: aD-Galp(1->6)-bDFruf(2->1)-aGlu, oxime-TMS

Inchi:	InChI=1S/C51H120O15Si11/c1-67(2,3)37-52-48-44(63-74(22,23)24)42(61-72(16,17)18)4
InchiKey:	ZRLVDWFGNZDVPU-SBWBHDNOSA-N
Formula:	C51H120O15Si11
SMILES:	C[Si](C)(C)COC1OC(CC2(CO[Si](C)(C)C)OC(OC3OC(CO[Si](C)(C)C)C(O[Si](C)(C)C)C
Mol. weight [g/mol]:	1282.43

Physical Properties

Property code	Value	Unit	Source
log10ws	11.72		Crippen Method
logp	13.296		Crippen Method
rinpol	3278.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R588937&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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