

Kojitriose: aD-Glcp(1->2)-aDGlcp(1->2)-DGlc, oxime-TMS, isomer # 2

Inchi:	InChI=1S/C54H129NO16Si12/c1-72(2,3)56-38-42-46(65-77(16,17)18)49(62-54-52(70-82
InchiKey:	BLHALGRZHZMYZDQ-OVLOVKAPSA-N
Formula:	C54H129NO16Si12
SMILES:	C[Si](C)(C)OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C=NO[Si](C)(C)C)OC1O
Mol. weight [g/mol]:	1385.63

Physical Properties

Property code	Value	Unit	Source
log10ws	13.07		Crippen Method
logp	14.359		Crippen Method
rinpol	3576.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R588873&Units=SI

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/42-741-2/Kojitriose-aD-Glcp-1-2-aDGlcp-1-2-DGlc-oxime-TMS-isomer-2.pdf>

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