

6'-Galactosyl-lactulose: bD-Galp(1->6)-bDGalp(1->4)-DFru,

Oxime-TMS, isomer # 2
InChI: InChI=1S/C54H129NO16Si12/c1-72(2,3)57-37-41(55-71-83(34,35)36)45(64-76(13,14)15
InChIKey: KFUUVGOVWCNTYDM-SUGUOTHYSA-N

Formula:

C54H129NO16Si12

SMILES:

C[Si](C)(C)OCC(=NO[Si](C)(C)C)C(O[Si](C)(C)C)C(OC1OC(COC2OC(CO[Si](C)(C)C)C)C

Mol. weight [g/mol]:

1385.63

Physical Properties

Property code	Value	Unit	Source
log10ws	13.18		Crippen Method
logp	14.361		Crippen Method
rinpol	3421.00		NIST Webbook

Sources

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method:

https://www.cheméo.com/doc/models/crippen_log10ws

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=R588744&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.cheméo.com/cid/66-773-1/6-Galactosyl-lactulose-bD-Galp-1-6-bDGalp-1-4-DFru-oxime-TMS-isomer-2.p>

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