

Lactulose, octakis(trimethylsilyl) ether, methyloxime (isomer 1)

Inchi: InChI=1S/C37H89NO11Si8/c1-39-38-29(26-40-50(2,3)4)32(46-54(14,15)16)33(31(45-53
InchiKey: JALQSBKJXHFAJP-UHFFFAOYSA-N
Formula: C37H89NO11Si8
SMILES: CON=C(CO[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[Si]
Mol. weight [g/mol]: 948.79

Physical Properties

Property code	Value	Unit	Source
log10ws	8.88		Crippen Method
logp	9.754		Crippen Method
rinpol	2666.80		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U380097&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/121-160-9/Lactulose-octakis-trimethylsilyl-ether-methyloxime-isomer-1.pdf>

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