

MALTOTRIOSE (11TMS)

Inchi: InChI=1S/C45H104O14Si9/c1-60(2,3)47-31-34-28-36(54-63(10,11)12)43(59-68(25,26)27
InchiKey: WTCNHVWZHBHJHF-CWSJBPHHSA-N
Formula: C45H104O14Si9
SMILES: C[Si](C)(C)OCC1CC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(OC2CC(O[Si](C)(C)C)C(OC(C(CO[Si](C)(C)C)C)C)C2)C1
Mol. weight [g/mol]: 1122.07

Physical Properties

Property code	Value	Unit	Source
log10ws	9.35		Crippen Method
logp	11.061		Crippen Method
rinpol	3384.00		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=R414950&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/60-024-8/MALTOTRIOSE-11TMS.pdf>

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