

DL-Glyceraldehyde, tris(trimethylsilyl) ether

Inchi: InChI=1S/C12H30O3Si3/c1-16(2,3)13-10-12(15-18(7,8)9)11-14-17(4,5)6/h10H,11H2,1-9
InchiKey: RLTNZJGCSIJNOP-ZRDIBKRKSA-N
Formula: C12H30O3Si3
SMILES: C[Si](C)(C)OC=C(CO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 306.62

Physical Properties

Property code	Value	Unit	Source
log10ws	2.90		Crippen Method
logp	4.382		Crippen Method

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U352232&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/39-842-4/DL-Glyceraldehyde-tris-trimethylsilyl-ether.pdf>

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