

3-Hydroxyhex-2-enedioic acid, trimethylsilyl ether, bis(trimethylsilyl) ester

Other names: Bis(trimethylsilyl)-3-[(trimethylsilyl)oxy]hex-2-enedioate

Inchi: InChI=1S/C15H32O5Si3/c1-21(2,3)18-13(12-15(17)20-23(7,8)9)10-11-14(16)19-22(4,5)6

InchiKey: MZWJNCLLARMEMP-SEYXRHQNSA-N

Formula: C₁₅H₃₂O₅Si₃

SMILES: C[Si](C)(C)OC(=O)C=C(CCC(=O)O[Si](C)(C)C)O[Si](C)(C)C

Mol. weight [g/mol]: 376.67

Physical Properties

Property code	Value	Unit	Source
log10ws	2.58		Crippen Method
logp	4.258		Crippen Method

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333989&Units=SI&Mask=3FFF>

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

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

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