

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

Other names: Bis(tert-butyl(dimethyl)silyl)-3-oxopol[tert-butyl(dimethyl)silyl]oxymorphohex-2-enedioate
InChI: InChI=1S/C24H50O5Si3/c1-22(2,3)30(10,11)27-19(18-21(26)29-32(14,15)24(7,8)9)16-17
InchiKey: GUPFIUAINOTFTQ-HNENSFHCSA-N
Formula: C24H50O5Si3
SMILES: CC(C)(C)[Si](C)(C)OC(=O)C=C(CCC(=O)O[Si](C)(C)C(C)(C)C)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 502.91

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.18		Crippen Method
logp	7.769		Crippen Method
rinpol	2339.60		NIST Webbook
rinpol	2339.60		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333988&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
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/77-363-4/3-Hydroxyhex-2-enedioic-acid-tert-butyldimethylsilyl-ether-bis-tert-butyldimethylsilyl-ether>

Generated by Cheméo on 2024-04-19 20:38:33.015046142 +0000 UTC m=+15848361.935623457.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.