3-Trimethysilyloxyiminobutan-2-one

Other names: 3-Hydroxyiminobutan-2-one TMS
Inchi: InChI=1S/C7H15NO2Si/c1-6(7(2)9)8-10-11(3,4)5/h1-5H3
InchiKey: CDZVVEGABVSNKE-UHFFFAOYSA-N
Formula: C7H15NO2Si
SMILES: CC(=O)C(C)=NO[Si](C)(C)C
Mol. weight [g/mol]: 173.28

Physical Properties

Property code	Value	Unit	Source
log10ws	0.67		Crippen Method
logp	1.803		Crippen Method
rinpol	966.00		NIST Webbook
rinpol	966.00		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=U373179&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices