3-(tert-Butyldimethylsilyl)oxyiminobutan-2-one

Other names: 3-Hydroxyiminobutan-2-one tBDMS
Inchi: InChI=1S/C10H21NO2Si/c1-8(9(2)12)11-13-14(6,7)10(3,4)5/h1-7H3
InchiKey: VSYMTYBLFLNHDN-UHFFFAOYSA-N
Formula: C10H21NO2Si
SMILES: CC(=O)C(C)=NO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 215.36

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.58		Crippen Method
logp	2.973		Crippen Method
rinpol	1183.00		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=U373032&Units=SI

Legend

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