

3-Trimethylsilyloxyiminobutan-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/ci9903071
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

Latest version available from:

<https://www.chemeo.com/cid/53-468-4/3-Trimethylsilyloxyiminobutan-2-one.pdf>

Generated by Cheméo on 2024-05-02 19:42:15.099629123 +0000 UTC m=+16968184.020206438.

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