

# 2-Ketobutyric acid, MO TBDMS # 2

**Inchi:** InChI=1S/C11H23NO3Si/c1-8-9(12-14-5)10(13)15-16(6,7)11(2,3)4/h8H2,1-7H3  
**InchiKey:** TUQUTMXIZXCFDL-UHFFFAOYSA-N  
**Formula:** C11H23NO3Si  
**SMILES:** CCC(=NOC)C(=O)O[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 245.39

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.58		Crippen Method
logp	2.947		Crippen Method
rinpol	1306.00		NIST Webbook
rinpol	1306.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R563141&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/114-146-3/2-Ketobutyric-acid-MO-TBDMS-2.pdf>

Generated by Cheméo on 2024-04-28 12:25:44.399262306 +0000 UTC m=+16596393.319839627.

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