

# Gly isoBOC TBDMS

**Other names:** Gly, N-isoBOC TBDMS  
glycine, N(O,S)-isoBOC TBDMS

**Inchi:** InChI=1S/C13H27NO4Si/c1-10(2)9-17-12(16)14-8-11(15)18-19(6,7)13(3,4)5/h10H,8-9H2

**InchiKey:** NWKGPYXASXHPRD-UHFFFAOYSA-N

**Formula:** C13H27NO4Si

**SMILES:** CC(C)COC(=O)NCC(=O)O[Si](C)(C)C(C)(C)C

**Mol. weight [g/mol]:** 289.44

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.97		Crippen Method
logp	2.917		Crippen Method
rinpol	1725.90		NIST Webbook
rinpol	1726.00		NIST Webbook
rinpol	1725.00		NIST Webbook
rinpol	1725.90		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R68843&Units=SI>

**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)

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices

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