

# Trimethylsilyl (5-benzyl-3,6-dioxopiperazin-2-yl)acetate

**Inchi:** InChI=1S/C16H22N2O4Si/c1-23(2,3)22-14(19)10-13-16(21)17-12(15(20)18-13)9-11-7-5  
**InchiKey:** NIMIMFZSEQLXMT-UHFFFAOYSA-N  
**Formula:** C16H22N2O4Si  
**SMILES:** C[Si](C)(C)OC(=O)CC1NC(=O)C(Cc2ccccc2)NC1=O  
**Mol. weight [g/mol]:** 334.44

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.58		Crippen Method
logp	0.980		Crippen Method
rinpol	2184.20		NIST Webbook
rinpol	2184.20		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=U333698&Units=SI>

## Legend

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

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