

# Glycine, N-[[alpha]-[(tert-butyl dimethylsilyl)oxy]benzylidene tert-butyl dimethylsilyl ester

Other names:

Hypouric acid TBMMS

Inchi: InChI=1S/C21H37NO3Si2/c1-20(2,3)26(7,8)24-18(23)16-22-19(17-14-12-11-13-15-17)25

InchiKey: GDYLFEMWVQLJN-UHFFFAOYSA-N

Formula: C<sub>21</sub>H<sub>37</sub>NO<sub>3</sub>Si<sub>2</sub>

SMILES: CC(C)(C)[Si](C)(C)OC(=O)CN=C(O[Si](C)(C)C(C)(C)C)c1ccccc1

Mol. weight [g/mol]: 407.69

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.53		Crippen Method
logp	6.003		Crippen Method
rmpol	2104.00		NIST Webbook
rmpol	2094.00		NIST Webbook
rmpol	2094.00		NIST Webbook

## Sources

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=U221795&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

**logp:** Octanol/Water partition coefficient

**rmpol:** Non-polar retention indices

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