

# 3-Ureidopropionic acid, N-(tert-butyldimethylsilyl)-, tert-butyldimethylsilyl ester

Other names:

tert-Butyl(dimethyl)silyl

Inchi: InChI=1S/C16H36N2O3Si2/c1-15(2,3)22(7,8)18-14(20)17-12-11-13(19)21-23(9,10)16(4,5)24

InchiKey: UOWIZIOSDKLZKG-UHFFFAOYSA-N

Formula: C16H36N2O3Si2

SMILES: CC(C)(C)[Si](C)(C)NC(=O)NCCC(=O)O[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 360.64

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.62		Crippen Method
logp	4.229		Crippen Method
rinpol	2117.80		NIST Webbook
rinpol	2117.80		NIST Webbook

## Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U332975&Units=SI>

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

Crippen Method: [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.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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