L-Proline, 4-[(tert-butyldimethylsilyl)oxy]-1-(tert-butyldimeth tert-butyldimethylsilyl ester

Other names: 4-Hydroxy-Pro, TBDMS L-hydroxyproline, 3tbdms derivative

Inchi: InChI=1S/C23H51NO3Si3/c1-21(2,3)28(10,11)24-17-18(26-29(12,13)22(4,5)6)16-19(24)

InchiKey: KUSFEDKRGCEAAT-UHFFFAOYSA-N

Formula: C23H51NO3Si3

SMILES: CC(C)(C)[Si](C)(C)OC(=O)C1CC(O[Si](C)(C)C(C)(C)C)CN1[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 473.91

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.24		Crippen Method
logp	7.005		Crippen Method

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U221644&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient