L-Proline, 1-(tert-butyldimethylsilyl)-, tert-butyldimethylsilyl ester

Other names: Proline diTBDMS
Proline, (2TBDMS)-
Pro, N,O-bis-TBDMS
Pro, TBDMS
Proline, TBDMS
L-proline, 2tbdms derivative

Inchi: InChI=1S/C17H37NO2Si2/c1-16(2,3)21(7,8)18-13-11-12-14(18)15(19)20-22(9,10)17(4,5

InchiKey: ZSQADQXTZNAIQH-CQSZACIVSA-N

Formula: C17H37NO2Si2

SMILES: CC(C)(C)[Si](C)(C)OC(=O)C1CCCN1[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 343.65

CAS: 107715-91-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.48		Crippen Method
logp	5.004		Crippen Method
rinpol	1769.00		NIST Webbook
rinpol	1769.00		NIST Webbook
rinpol	1764.10		NIST Webbook
rinpol	1783.00		NIST Webbook
rinpol	1769.00		NIST Webbook
rinpol	1764.10		NIST Webbook
rinpol	1783.00		NIST Webbook

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=C107715913&Units=SI

Legend

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