Butanoic acid, 4-[(tert-butyldimethylsilyl)amino]-, tert-butyldimethylsilyl ester

Other names:	«gamma»-Aminobutyric acid, diTBDMS
	«gamma»-Aminobutyric acid, bis-TBDMS
	Butanoic acid, 4-amino, O,N-bis-DMTBS
	Butanoic acid, 4-amino, (2TBDMS)-
	(tert-Butyldimethylsilyl) 4-[(tert-butyldimethylsilyl)amino]butanoate
	Butanoic acid, 4-amino, TBDMS
	«gamma»-Aminobutyric acid, TBDMS
	4-Aminobutanoic acid, 2tbdms derivative
Inchi:	InChI=1S/C16H37NO2Si2/c1-15(2,3)20(7,8)17-13-11-12-14(18)19-21(9,10)16(4,5)6/h17H
InchiKey:	OYVJHQPEPBFVSS-UHFFFAOYSA-N
Formula:	C16H37NO2Si2
SMILES:	CC(C)(C)[Si](C)(C)NCCCC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	331.64
CAS:	110024-92-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.67		Crippen Method
logp	4.910		Crippen Method
rinpol	1745.00		NIST Webbook
rinpol	1760.00		NIST Webbook
rinpol	1744.00		NIST Webbook
rinpol	1745.00		NIST Webbook
rinpol	1744.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C110024925&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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