Butanoic acid, 4-[(trimethylsilyl)amino]-, trimethylsilyl ester

Other names:	N-Trimethylsilyl-4-aminobutyric acid trimethylsilyl ester
	«gamma»-Amino butyric acid, bis(trimethylsilyl)
	N,O-Bis-(trimethylsilyl)-4-aminobutyric acid
	«gamma»-Aminobutyric acid-2TMS
	«gamma»-Aminobutyric acid, di-TMS
	4-Aminobutyric acid, bis-TMS
	Butanoic acid, 4-amino, di-TMS
	4-Aminobutyric acid, TMS
	«gamma»-Aminobutyric acid, TMS
	4-Aminobutanoic acid, 2tms derivative
Inchi:	InChI=1S/C10H25NO2Si2/c1-14(2,3)11-9-7-8-10(12)13-15(4,5)6/h11H,7-9H2,1-6H3
InchiKey:	ZRQMOACDJFMJPD-UHFFFAOYSA-N
Formula:	C10H25NO2Si2
SMILES:	C[Si](C)(C)NCCCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	247.48
CAS:	39538-11-9

Physical Properties

Property code	Value	Unit	Source
log10ws	1.84		Crippen Method
logp	2.569		Crippen Method
rinpol	1306.00		NIST Webbook
rinpol	1310.00		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=C39538119&Units=SI

Legend

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

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