

L-Threonine, O-(trimethylsilyl)-, trimethylsilyl ester

Other names:	Threonine, bis-TMS L-threonine, 2tms derivative
Inchi:	InChI=1S/C10H25NO3Si2/c1-8(13-15(2,3)4)9(11)10(12)14-16(5,6)7/h8-9H,11H2,1-7H3
InchiKey:	CKXHAGKHQXMUJP-UHFFFAOYSA-N
Formula:	C10H25NO3Si2
SMILES:	CC(O[Si](C)(C)C)C(N)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	263.48
CAS:	7536-82-5

Physical Properties

Property code	Value	Unit	Source
log10ws	2.28		Crippen Method
logp	1.932		Crippen Method
rinpol	1285.00		NIST Webbook
rinpol	1299.00		NIST Webbook
rinpol	1285.00		NIST Webbook
rinpol	1299.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C7536825&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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