

Threonine, mono-ethoxycarbonylated, bis-TBDMS

Inchi:	InChI=1S/C19H41NO5Si2/c1-13-23-17(22)20-15(14(2)24-26(9,10)18(3,4)5)16(21)25-27(
InchiKey:	FPFBPQPZGNQSAI-UHFFFAOYSA-N
Formula:	C19H41NO5Si2
SMILES:	CCOC(=O)NC(C(=O)O[Si](C)(C)C(C)(C)C(C)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	419.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.08		Crippen Method
logp	5.060		Crippen Method
rinpol	2016.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R565043&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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

Latest version available from:

<https://www.chemeo.com/cid/52-122-8/Threonine-mono-ethoxycarbonylated-bis-TBDMS.pdf>

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