N,o,o'-tris-(trimethylsilyl)threonine

Other names:	Threonine (N,O,O-TMS)
	Threonine, tris-TMS
	Threonine, N,O,O-tris-TMS
	Thr, tri-TMS
	Thr, TMS
	Threonine, tri-TMS
	Threonine, 3tms derivative
Inchi:	InChI=1S/C13H33NO3Si3/c1-11(16-19(5,6)7)12(14-18(2,3)4)13(15)17-20(8,9)10/h11-12
InchiKey:	GTYBQDCOPQDAPP-UHFFFAOYSA-N
Formula:	C13H33NO3Si3
SMILES:	CC(O[Si](C)(C)C)C(N[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	335.67

Physical Properties

Property code	Value	Unit	Source
logp	3.398		Crippen Method
rinpol	1387.80		NIST Webbook
rinpol	1404.11		NIST Webbook
rinpol	1411.67		NIST Webbook
rinpol	1416.30		NIST Webbook
rinpol	1393.10		NIST Webbook
rinpol	1400.00		NIST Webbook
rinpol	1398.00		NIST Webbook
rinpol	1404.00		NIST Webbook
rinpol	1408.00		NIST Webbook
rinpol	1400.00		NIST Webbook
rinpol	1408.00		NIST Webbook
rinpol	1400.00		NIST Webbook
ripol	1469.26		NIST Webbook

Sources

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C64569353&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices
ripol:	Polar retention indices