Urea, N,N'-bis(trimethylsilyl)-

Other names:	Urea, 1,3-bis(trimethylsilyl)-
	Bis(trimethylsilyl)urea
	N,N'-Bis(trimethylsilyl)urea
	N1,N2-Bis(trimethylsilyl)urea
	1,3-Bis(trimethylsilyl)urea
	Bis(trimethylsilyl) derivative of urea
	N,N'-Di(trimethylsilyl)urea
	Urea, di-TMS
	Urea, bis-TMS
	Urea, TMS
	Urea, bis-trimethylsilyl
	Urea, 2tms derivative
Inchi:	InChI=1S/C7H20N2OSi2/c1-11(2,3)8-7(10)9-12(4,5)6/h1-6H3,(H2,8,9,10)
InchiKey:	MASDFXZJIDNRTR-UHFFFAOYSA-N
Formula:	C7H20N2OSi2
SMILES:	C[Si](C)(C)NC(=O)N[Si](C)(C)C
Mol. weight [g/mol]:	204.42
CAS:	18297-63-7

Physical Properties

Property code	Value	Unit	Source
log10ws	2.01		Crippen Method
logp	1.955		Crippen Method
rinpol	1237.00		NIST Webbook
rinpol	1249.00		NIST Webbook
rinpol	1243.00		NIST Webbook
rinpol	1249.00		NIST Webbook
rinpol	1249.00		NIST Webbook
rinpol	1225.00		NIST Webbook
rinpol	1230.00		NIST Webbook
rinpol	1225.00		NIST Webbook
rinpol	1237.00		NIST Webbook
rinpol	1237.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18297637&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