

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/ci990307I>
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/16-376-7/Urea-N-N-bis-trimethylsilyl.pdf>

Generated by Cheméo on 2024-04-25 07:23:20.608367334 +0000 UTC m=+16319049.528944649.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.