

Urea tri-TMS

Other names:	Urea, 3tms derivative
Inchi:	InChI=1S/C10H28N2OSi3/c1-14(2,3)11-10(13)12(15(4,5)6)16(7,8)9/h1-9H3,(H,11,13)
InchiKey:	NQXFXGMMTAPNOQ-UHFFFAOYSA-N
Formula:	C10H28N2OSi3
SMILES:	C[Si](C)(C)NC(=O)N([Si](C)(C)C)[Si](C)(C)C
Mol. weight [g/mol]:	276.60
CAS:	60615-84-1

Physical Properties

Property code	Value	Unit	Source
log10ws	3.33		Crippen Method
logp	3.503		Crippen Method
rinpol	1203.00		NIST Webbook
rinpol	1194.00		NIST Webbook
rinpol	1203.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C60615841&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/112-908-9/Urea-tri-TMS.pdf>

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