

Urea, 2TMS

Inchi: InChI=1S/C7H20N2OSi2/c1-11(2,3)9-7(8)10-12(4,5)6/h1-6H3,(H2,8,9)
InchiKey: UVPYFHQDUCYVSB-UHFFFAOYSA-N
Formula: C7H20N2OSi2
SMILES: C[Si](C)(C)NC(=N)O[Si](C)(C)C
Mol. weight [g/mol]: 204.42

Physical Properties

Property code	Value	Unit	Source
log10ws	0.96		Crippen Method
logp	2.197		Crippen Method
rinpol	1277.00		NIST Webbook
rinpol	1260.00		NIST Webbook
rinpol	1277.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R605146&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/116-606-0/Urea-2TMS.pdf>

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