

Formamide, N-DMTBS

Inchi: InChI=1S/C7H17NOSi/c1-7(2,3)10(4,5)8-6-9/h6H,1-5H3,(H,8,9)
InchiKey: SDGGZFJSFSJRIM-UHFFFAOYSA-N
Formula: C7H17NOSi
SMILES: CC(C)(C)[Si](C)(C)NC=O
Mol. weight [g/mol]: 159.30

Physical Properties

Property code	Value	Unit	Source
log10ws	0.23		Crippen Method
logp	1.738		Crippen Method
rinpol	1094.00		NIST Webbook
rinpol	1094.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R65623&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

Latest version available from:

<https://www.chemeo.com/cid/51-052-7/Formamide-N-DMTBS.pdf>

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