

5,6-Dimethyluracil, TMS

Inchi: InChI=1S/C12H26N2O2Si2/c1-9-10(2)13-12(16-18(6,7)8)14-11(9)15-17(3,4)5/h9-10H,1-8H3
InchiKey: FLSDHJVHSLIBKS-UHFFFAOYSA-N
Formula: C12H26N2O2Si2
SMILES: CC1N=C(O[Si](C)(C)C)N=C(O[Si](C)(C)C)C1C
Mol. weight [g/mol]: 286.52

Physical Properties

Property code	Value	Unit	Source
log10ws	1.30		Crippen Method
logp	3.482		Crippen Method
rinpol	1459.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R93800&Units=SI>

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/120-924-2/5-6-Dimethyluracil-TMS.pdf>

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