

Pyrimidine, 5-chloro-2,4-bis[(trimethylsilyl)oxy]-

Other names: Uracil, 5-chloro, bis-(O-TMS)-

Uracil, 5-chloro, TMS

Inchi: InChI=1S/C10H19ClN2O2Si2/c1-16(2,3)14-9-8(11)7-12-10(13-9)15-17(4,5)6/h7H,1-6H3

InchiKey: LSPJTQNKLFHVOX-UHFFFAOYSA-N

Formula: C10H19ClN2O2Si2

SMILES: C[Si](C)(C)Oc1ncc(Cl)c(O[Si](C)(C)C)n1

Mol. weight [g/mol]: 290.89

CAS: 58990-53-7

Physical Properties

Property code	Value	Unit	Source
log10ws	0.30		Crippen Method
logp	3.557		Crippen Method
rinpol	1461.00		NIST Webbook
rinpol	1459.00		NIST Webbook
rinpol	1461.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C58990537&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/67-011-5/Pyrimidine-5-chloro-2-4-bis-trimethylsilyl-oxy.pdf>

Generated by Cheméo on 2025-12-05 14:10:57.600263497 +0000 UTC m=+4692055.130304161.

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