

Cytosine, N,O-2TMS

Inchi: InChI=1S/C10H21N3OSi2/c1-15(2,3)13-9-7-8-11-10(12-9)14-16(4,5)6/h7-8H,1-6H3,(H,1)
InchiKey: IWEHUWMQLZFGLL-UHFFFAOYSA-N
Formula: C10H21N3OSi2
SMILES: C[Si](C)(C)Nc1ccnc(O[Si](C)(C)C)n1
Mol. weight [g/mol]: 255.46

Physical Properties

Property code	Value	Unit	Source
log10ws	1.09		Crippen Method
logp	2.937		Crippen Method
rinsol	1536.00		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R619942&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinsol: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/71-644-8/Cytosine-N-O-2TMS.pdf>

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