

2,4(1H,3H)-Pyrimidinedione, dihydro-1,3-bis(trimethylsilyl)-

Other names:	Dihydrouracil, 2tms derivative
Inchi:	InChI=1S/C10H22N2O2Si2/c1-15(2,3)11-8-7-9(13)12(10(11)14)16(4,5)6/h7-8H2,1-6H3
InchiKey:	CWBONJLCWNOPPR-UHFFFAOYSA-N
Formula:	C10H22N2O2Si2
SMILES:	C[Si](C)(C)N1CCC(=O)N([Si](C)(C)C)C1=O
Mol. weight [g/mol]:	258.46
CAS:	74810-47-2

Physical Properties

Property code	Value	Unit	Source
log10ws	2.33		Crippen Method
logp	2.310		Crippen Method
rinpol	1488.60		NIST Webbook

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=C74810472&Units=SI

Legend

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

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