

Hydantoin-5-acetic acid, TMS

Inchi:	InChI=1S/C14H30N2O4Si3/c1-21(2,3)18-12(17)10-11-13(19-22(4,5)6)16-14(15-11)20-23
InchiKey:	NWEWFNXLKSFVTA-UHFFFAOYSA-N
Formula:	C14H30N2O4Si3
SMILES:	C[Si](C)(C)OC(=O)CC1N=C(O[Si](C)(C)C)N=C1O[Si](C)(C)C
Mol. weight [g/mol]:	374.66

Physical Properties

Property code	Value	Unit	Source
log10ws	3.31		Crippen Method
logp	3.594		Crippen Method
rinpol	1800.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R94816&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
rinpol:	Non-polar retention indices

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<https://www.cheméo.com/cid/69-457-9/Hydantoin-5-acetic-acid-TMS.pdf>

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