

7-Methylguanine, bis(trimethylsilyl) derivative

Other names:	1-Methylguanine, bis(trimethylsilyl) derivative
Inchi:	InChI=1S/C12H23N5OSi2/c1-16-8-13-10-9(16)11(18)14-12(15-19(2,3)4)17(10)20(5,6)7/H
InchiKey:	WBXNRBGSWJURGR-UHFFFAOYSA-N
Formula:	C12H23N5OSi2
SMILES:	Cn1cnc2c1c(=O)nc(N[Si](C)(C)C)n2[Si](C)(C)C
Mol. weight [g/mol]:	309.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.75		Crippen Method
logp	2.060		Crippen Method
rinsol	2196.20		NIST Webbook
rinsol	2196.20		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333950&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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.chemeo.com/cid/123-608-0/7-Methylguanine-bis-trimethylsilyl-derivative.pdf>

Generated by Cheméo on 2024-05-04 04:59:01.770484808 +0000 UTC m=+17087990.691062124.

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