

Pterine, N-trimethylsilyl-, trimethylsilyl ether

Inchi: InChI=1S/C12H21N5OSi2/c1-19(2,3)17-12-15-10-9(13-7-8-14-10)11(16-12)18-20(4,5)6/H
InchiKey: NRVLKOOXEURTCX-UHFFFAOYSA-N
Formula: C12H21N5OSi2
SMILES: C[Si](C)(C)Nc1nc(O[Si](C)(C)C)c2nccnc2n1
Mol. weight [g/mol]: 307.50

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.24		Crippen Method
logp	2.880		Crippen Method
rinpol	2002.60		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U352525&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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<https://www.cheméo.com/cid/75-242-0/Pterine-N-trimethylsilyl-trimethylsilyl-ether.pdf>

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