

Purine, 2-amino-6-hydroxy, TMS

Inchi: InChI=1S/C11H21N5OSi2/c1-18(2,3)16-11-14-9-8(12-7-13-9)10(15-11)17-19(4,5)6/h7H,
InchiKey: TYUFFIOWWHIPHG-UHFFFAOYSA-N
Formula: C11H21N5OSi2
SMILES: C[Si](C)(C)Nc1nc(O[Si](C)(C)C)c2[nH]cnc2n1
Mol. weight [g/mol]: 295.49

Physical Properties

Property code	Value	Unit	Source
log10ws	0.30		Crippen Method
logp	2.331		Crippen Method
rinpol	2113.00		NIST Webbook
rinpol	2113.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R386528&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

Latest version available from:

<https://www.cheméo.com/cid/19-611-2/Purine-2-amino-6-hydroxy-TMS.pdf>

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