

Purine, 2,6-dihydroxy, TMS

Inchi: InChI=1S/C11H20N4O2Si2/c1-18(2,3)16-10-8-9(13-7-12-8)14-11(15-10)17-19(4,5)6/h7H
InchiKey: RTVIYHPQH HHFQS-UHFFFAOYSA-N
Formula: C11H20N4O2Si2
SMILES: C[Si](C)(C)Oc1nc(O[Si](C)(C)C)c2nc[nH]c2n1
Mol. weight [g/mol]: 296.47

Physical Properties

Property code	Value	Unit	Source
log10ws	0.19		Crippen Method
logp	2.298		Crippen Method
rinpol	2004.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R386508&Units=SI>

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.chemeo.com/cid/97-221-9/Purine-2-6-dihydroxy-TMS.pdf>

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