

Hypoxanthine riboside, TMS

Inchi: InChI=1S/C22H44N4O5Si4/c1-32(2,3)27-13-16-18(29-33(4,5)6)19(30-34(7,8)9)22(28-16)
InchiKey: LCFKIXDWJBUOBU-FUOQNJDISA-N
Formula: C22H44N4O5Si4
SMILES: C[Si](C)(C)OCC1OC(n2cnc3ncnc(O[Si](C)(C)C)c32)C(O[Si](C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]: 556.95

Physical Properties

Property code	Value	Unit	Source
log10ws	1.94		Crippen Method
logp	5.229		Crippen Method
rinpol	2591.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R94834&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
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/32-015-9/Hypoxanthine-riboside-TMS.pdf>

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