

Cytosine arabinoside, dimethyl-propyldimethylsilyl derivative

Inchi: InChI=1S/C29H61N3O5Si4/c1-13-19-38(5,6)31-25-17-18-32(29(33)30-25)28-27(37-41(1
InchiKey: AMNVPIMMQLSVBF-AOGFTHLWSA-N
Formula: C29H61N3O5Si4
SMILES: CCC[Si](C)(C)Nc1ccn(C2OC(CO[Si](C)(C)CCC)C(O[Si](C)(C)CCC)C2O[Si](C)(C)CCC)c
Mol. weight [g/mol]: 644.15

Physical Properties

Property code	Value	Unit	Source
log10ws	0.62		Crippen Method
logp	7.800		Crippen Method
rinpol	2896.00		NIST Webbook
rinpol	2896.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R307421&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/63-832-8/Cytosine-arabinoside-dimethyl-propyldimethylsilyl-derivative.pdf>

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