

O,O'-Bis(tert-butyldimethylsilyl) 2-amino-9-(2-hydroxyethoxymethyl)-purin-6-ol ether

Other names:

O,O'-Bis(tert-butyldimethylsilyl) 9-((2-Hydroxyethoxy)methyl)guanine ether

6-(tert-Butyldimethylsilyloxy)-9-((2-((tert-butyldimethylsilyloxy)ethoxy)methyl))-9H-purin-2-

Inchi:

InChI=1S/C20H39N5O3Si2/c1-19(2,3)29(7,8)27-12-11-26-14-25-13-22-15-16(25)23-18(2

InchiKey:

KMASDMZRYBOHLM-UHFFFAOYSA-N

Formula:

C20H39N5O3Si2

SMILES:

CC(C)(C)[Si](C)(C)OCCOCn1cnc2c(O[Si](C)(C)C(C)(C)C)nc(N)nc21

Mol. weight [g/mol]:

453.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.38		Crippen Method
logp	4.788		Crippen Method
rinpol	2875.00		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=U373345&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/45-040-7/O-O-Bis-tert-butyldimethylsilyl-2-amino-9-2-hydroxyethoxymethyl-purin-6-ol-ether>

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