

O,O'-Bis(tert-butyldimethylsilyl) ,2-trimethylsilylamino-9-(2-hydroxyethoxymethyl) ether

Other names: N-Trimethylsilyl-6-(trimethylsilyloxy)-9-((2-(trimethylsilyloxy)ethoxy)methyl)-9H-purin-2-amine
Inchi: InChI=1S/C17H35N5O3Si3/c1-26(2,3)21-17-19-15-14(16(20-17)25-28(7,8)9)18-12-22(15)
InchiKey: CIIRNLKDVGGHFV-UHFFFAOYSA-N
Formula: C17H35N5O3Si3
SMILES: C[Si](C)(C)Nc1nc(O[Si](C)(C)C)c2ncn(COCCO[Si](C)(C)C)c2n1
Mol. weight [g/mol]: 441.75

Physical Properties

Property code	Value	Unit	Source
log10ws	0.87		Crippen Method
logp	4.112		Crippen Method
rinpol	2442.00		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=U373326&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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