

4,6-Pteridinediol, 2-(tert.butyl)dimethylsilylamino-, O,O-bis(t(tert.butyl)dimethylsilyl)- ether

Other names:

4,6-Pteridinediol, 2-(tert-butyl)dimethylsilylamino-, O,O-bis(t(tert-butyl)dimethylsilyl)- ether

InChI: InChI=1S/C24H47N5O2Si3/c1-22(2,3)32(10,11)29-21-27-19-18(20(28-21)31-34(14,15)2

InchiKey: YQTLDAMDMAVAY-UHFFFAOYSA-N

Formula: C₂₄H₄₇N₅O₂Si₃

SMILES: CC(C)(C)[Si](C)(C)Nc1nc(O[Si](C)(C)C(C)(C)C)c2nc(O[Si](C)(C)C(C)(C)C)cnc2n1

Mol. weight [g/mol]: 521.92

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.02		Crippen Method
logp	7.605		Crippen Method
rinpol	2759.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U372955&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

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<https://www.chemeo.com/cid/20-167-4/4-6-Pteridinediol-2-tert-butyl-dimethylsilylamino-O-O-bis-t-tert-butyl-dimethylsilyl-ether>

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