

2-Amino-4-nitrophenol, N,O-bis(tert-butyldimethylsilyl)-

Other names:	2-Amino-4-nitrophenol, 2tdms derivative
Inchi:	InChI=1S/C18H34N2O3Si2/c1-17(2,3)24(7,8)19-15-13-14(20(21)22)11-12-16(15)23-25(9)
InchiKey:	IXFXOZIIEMPLEL-UHFFFAOYSA-N
Formula:	C18H34N2O3Si2
SMILES:	CC(C)(C)[Si](C)(C)Nc1cc([N+](=O)[O-])ccc1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	382.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.54		Crippen Method
logp	6.396		Crippen Method
rinpol	2387.50		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333467&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/58-919-8/2-Amino-4-nitrophenol-N-O-bis-tert-butyldimethylsilyl.pdf>

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