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

Other names: 2-Amino-4-nitrophenol, 2tbdms 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/ci990307l

Legend

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