4-Nitro-2-methylaniline, N-tert.-butyldimethylsilyl-

Inchi: InChI=1S/C13H22N2O2Si/c1-10-9-11(15(16)17)7-8-12(10)14-18(5,6)13(2,3)4/h7-9,14H,1

InchiKey: URALTFMXVDAREA-UHFFFAOYSA-N

Formula: C13H22N2O2Si

SMILES: Cc1cc([N+](=O)[O-])ccc1N[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 266.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.75		Crippen Method
logp	4.320		Crippen Method
rinpol	2109.00		NIST Webbook
rinpol	2109.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U374815&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