

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
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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

Latest version available from:

<https://www.chemeo.com/cid/115-698-0/4-Nitro-2-methylaniline-N-tert-butyldimethylsilyl.pdf>

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