

# 2-Methoxy-5-nitrophenol, tert-butyldimethylsilyl ether

Other names:	2-Methoxy-5-nitrophenol, tbdms derivative
Inchi:	InChI=1S/C13H21NO4Si/c1-13(2,3)19(5,6)18-12-9-10(14(15)16)7-8-11(12)17-4/h7-9H,1
InchiKey:	ZZKQYNAFDWSPY-UHFFFAOYSA-N
Formula:	C13H21NO4Si
SMILES:	COc1ccc([N+](=O)[O-])cc1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	283.40

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.51		Crippen Method
logp	3.987		Crippen Method
rinpol	1946.40		NIST Webbook
rinpol	1946.40		NIST Webbook

## Sources

NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U352891&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U352891&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## 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/124-953-6/2-Methoxy-5-nitrophenol-tert-butyldimethylsilyl-ether.pdf>

Generated by Cheméo on 2024-04-26 09:57:28.313425422 +0000 UTC m=+16414697.234002735.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.