

# 1-Diisopropyloctylsilyloxy-4-nitrobenzene

<b>Inchi:</b>	InChI=1S/C20H35NO3Si/c1-6-7-8-9-10-11-16-25(17(2)3,18(4)5)24-20-14-12-19(13-15-20)
<b>InchiKey:</b>	VGVDIPAKAETJG-UHFFFAOYSA-N
<b>Formula:</b>	C20H35NO3Si
<b>SMILES:</b>	CCCCCCCC[Si](Oc1ccc([N+](=O)[O-])cc1)(C(C)C)C(C)C
<b>Mol. weight [g/mol]:</b>	365.58

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.73		Crippen Method
logp	7.100		Crippen Method
rinpol	2522.00		NIST Webbook
rinpol	2522.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U307853&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U307853&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

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

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