

# 2-Pyridinecarboxylic acid, tert-butyldimethylsilyl ester

Other names:	Picolinic acid, TBDMS
Inchi:	InChI=1S/C12H19NO2Si/c1-12(2,3)16(4,5)15-11(14)10-8-6-7-9-13-10/h6-9H,1-5H3
InchiKey:	XYVZEWYPCGVJMC-UHFFFAOYSA-N
Formula:	C12H19NO2Si
SMILES:	CC(C)(C)[Si](C)(C)OC(=O)c1ccccn1
Mol. weight [g/mol]:	237.37

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.62		Crippen Method
logp	3.244		Crippen Method
rinsol	1446.00		NIST Webbook
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## Sources

Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U378409&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U378409&amp;Units=SI</a>

## Legend

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

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