

# 2,3-Pyridinedicarboxylic acid, bis(tert-butyldimethylsilyl) ester

Other names:

Pyridine-2,3-dicarboxylic acid, TBDMS

Quinolinic acid, 2tdms derivative

Inchi:

InChI=1S/C19H33NO4Si2/c1-18(2,3)25(7,8)23-16(21)14-12-11-13-20-15(14)17(22)24-26

InchiKey:

KTQVSKNMDFNPJG-UHFFFAOYSA-N

Formula:

C19H33NO4Si2

SMILES:

CC(C)(C)[Si](C)(C)OC(=O)c1cccnc1C(=O)O[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]:

395.64

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.01		Crippen Method
logp	5.406		Crippen Method
rinpol	2156.00		NIST Webbook
rinpol	2166.00		NIST Webbook
rinpol	2156.00		NIST Webbook
rinpol	2166.00		NIST Webbook

## Sources

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method:

[https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=U352571&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices

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