

# Bis(tert-butyldimethylsilyl)pyridine-3,4-dicarboxylate

**Other names:** 3,4-Pyridinedicarboxylic acid, bis(tert-butyldimethylsilyl) ester

Chinchomeric acid, bis(tert-butyldimethylsilyl) ester

Cinchomeric acid, bis(tert-butyldimethylsilyl) ester

Pyridine-3,4-dicarboxylic acid, bis(tert-butyldimethylsilyl) ester

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

**InchiKey:** PETRHCZJVWXCEY-UHFFFAOYSA-N

**Formula:** C19H33NO4Si2

**SMILES:** CC(C)(C)[Si](C)(C)OC(=O)c1ccncc1C(=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	2151.00		NIST Webbook
rinpol	2151.00		NIST Webbook

## Sources

**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=U373085&Units=SI>

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

## 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/26-623-1/Bis-tert-butyldimethylsilyl-pyridine-3-4-dicarboxylate.pdf>

Generated by Cheméo on 2024-04-26 06:51:31.898294638 +0000 UTC m=+16403540.818871948.

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