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

Other names: Pyridine-2,3-dicarboxylic acid, TBDMS
Quinolinic acid, 2tbdms 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/ci990307l

Crippen Method: 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