7-Chloro-3-methyl-quinoline-8-carboxylic acid, tert-butyldimethylsilyl ester

Other names: 8-Quinolinecarboxylic acid, 7-chloro-3-methyl-, tert-butyldimethylsilyl- ether
Inchi: InChI=1S/C17H22ClNO2Si/c1-11-9-12-7-8-13(18)14(15(12)19-10-11)16(20)21-22(5,6)17
InchiKey: PQHBQAAWQOZUPV-UHFFFAOYSA-N
Formula: C17H22ClNO2Si
SMILES: Cc1cnc2c(C(=O)O[Si](C)(C)C(C)(C)C)c(Cl)ccc2c1
Mol. weight [g/mol]: 335.90

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.59		Crippen Method
logp	5.359		Crippen Method
rinpol	2310.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U373402&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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