7-Chloro-3-methyl-quinoline-8-carboxylic acid, trimethylsilyl ester

Other names: 8-Quinolinecarboxylic acid, 7-chloro-3-methyl-, trimethylsilyl ester
7-Chloro-3-methyl-quinoline-8-carboxylic acid, trimethylsilyl ether

Inchi: InChI=1S/C14H16ClNO2Si/c1-9-7-10-5-6-11(15)12(13(10)16-8-9)14(17)18-19(2,3)4/h5-8

InchiKey: RZKLOMAGUBRKRV-UHFFFAOYSA-N

Formula: C14H16ClNO2Si

SMILES: Cc1cnc2c(C(=O)O[Si](C)(C)C)c(Cl)ccc2c1

Mol. weight [g/mol]: 293.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.33		Crippen Method
logp	4.188		Crippen Method
rinpol	2090.00		NIST Webbook
rinpol	2090.00		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=U372978&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices