

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:	RZKLOMAGUBRKRKRV-UHFFFAOYSA-N
Formula:	C14H16ClNO2Si
SMILES:	<chem>Cc1cnc2c(C(=O)O[Si](C)(C)C)c(Cl)ccc2c1</chem>
Mol. weight [g/mol]:	293.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.33		Crippen Method
logp	4.188		Crippen Method
rinpola	2090.00		NIST Webbook
rinpola	2090.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
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
rinpola:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/65-762-4/7-Chloro-3-methyl-quinoline-8-carboxylic-acid-trimethylsilyl-ester.pdf>

Generated by Cheméo on 2024-04-20 09:03:11.572358627 +0000 UTC m=+15893040.492935938.

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