

5-Chloro-N-(2-chloro-4-nitro-phenyl)-N-trimethylsilyl

Other names:	Benzamide, 5-chloro-N-(2-chloro-4-nitrophenyl)-N-trimethylsilyl-2-trimethylsilyloxy-Ruby 2TMS
Inchi:	InChI=1S/C19H24Cl2N2O4Si2/c1-28(2,3)22(17-9-8-14(23(25)26)12-16(17)21)19(24)15-
InchiKey:	ZNAMZJSAOLTVMH-UHFFFAOYSA-N
Formula:	C19H24Cl2N2O4Si2
SMILES:	C[Si](C)(C)Oc1ccc(Cl)cc1C(=O)N(c1ccc([N+](=O)[O-])cc1Cl)[Si](C)(C)C
Mol. weight [g/mol]:	471.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.26		Crippen Method
logp	6.597		Crippen Method
rinpol	2652.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U373200&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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

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<https://www.chemeo.com/cid/64-108-1/5-Chloro-N-2-chloro-4-nitro-phenyl-N-trimethylsilyl-2-trimethylsilyloxybenzami>

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