5-Chloro-N-(2-chloro-4-nitrophenyl)-2-trimethylsil

Other names:	Benzamide, 5-chloro-N-(2-chloro-4-nitrophenyl)-2-trimethylsilyloxy- 2-Trimethylsilyloxy-5-chloro-N-(2-chloro-4-nitrophenyl)benzamide Atenase TMS
Inchi:	InChI=1S/C16H16Cl2N2O4Si/c1-25(2,3)24-15-7-4-10(17)8-12(15)16(21)19-14-6-5-11(20
InchiKey:	HRHUFTRCWNHEQF-UHFFFAOYSA-N
Formula:	C16H16Cl2N2O4Si
SMILES:	C[Si](C)(C)Oc1ccc(Cl)cc1C(=O)Nc1ccc([N+](=O)[O-])cc1Cl
Mol. weight [g/mol]:	399.30

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.48		Crippen Method
logp	5.368		Crippen Method
rinpol	2897.00		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=U373199&Units=SI

Legend

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