

4-Chlorobenzoic acid, benzyldimethylsilyl ester

Inchi:	InChI=1S/C16H17ClO2Si/c1-20(2,12-13-6-4-3-5-7-13)19-16(18)14-8-10-15(17)11-9-14/h
InchiKey:	XJFBXPJEIWXAMC-UHFFFAOYSA-N
Formula:	C16H17ClO2Si
SMILES:	C[Si](C)(Cc1ccccc1)OC(=O)c1ccc(Cl)cc1
Mol. weight [g/mol]:	304.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.99		Crippen Method
logp	4.484		Crippen Method
rinpol	2083.00		NIST Webbook
rinpol	2083.00		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=U375707&Units=SI

Legend

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

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